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Federal Government Expenditures and Personnel in the Natural and Social Sciences 1995-96 to 2004-05

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Federal Government Expenditures and Personnel in the Natural and Social Sciences 1995-96 to 2004-05

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Introduction

This document presents historical tables displaying Federal Government expenditures and personnel applied to activities in science and technology (S&T). S&T can be divided into research and development (R&D) and related scientific activities (RSA) expenditures. Expenditures and personnel for each fiscal year to 2002-03 are actual while the data for 2003-04 and 2004-05 are forecasts and estimates respectively.

As the data are designed primarily for use by those with some knowledge of the government's scientific activities, a minimum of explanatory material accompanies the statistics.

This report is organized into four main sections of statistical data. The first section presents combined data on the natural and social sciences, the second, data on the natural sciences alone, the third, data on the social sciences alone and the fourth, data on personnel. The note to readers contains definitions of the terms used to categorize science expenditures as well as some notes on the limitations of the data. **Readers are urged to read this latter section before drawing their own conclusions from the data.**

This working paper is a supplement to the service bulletin "Science Statistics", Vol. 28 No. 11, Catalogue 88-001-XIE and the annual publication "Federal Scientific Activities 2003-04", Catalogue No. 88-204-XIE.

Highlights

- The Federal Government planned to spend $9.2 billion on scientific and technological activities for the estimate year 2004-05, an increase of 2.2% over forecasted expenditures on S&T for 2003-04.
- The central activity of S&T is scientific research and experimental development. In 2004-05, the Federal Government is expected to spend $5.8 billion on R&D. This includes both intramural performance and extramural funding of R&D.
- Activities in the natural sciences and engineering (NSE) will receive the bulk of Federal Government funding (76% in 2004-05), most of which (74%) is for research and development.
- Most of the monies (70%) for the social sciences and humanities (SSH) will be spent on related scientific activities such as data collection, information services and special services and studies. Statistics Canada alone accounted for 38% of these expenditures.
- In 2004-05, 34,960 person-years were involved in federal S&T activities, a 1.3% increase from 2003-04. Fifty-nine percent, or 20,664 person-years, were engaged in RSA activities.

This report was prepared by **Yvonne Tremblay** under the direction of **Lloyd Lizotte**, Science, Innovation and Electronic Information Division.

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The following symbols are used in this Statistics Canada report :

Symbols

The following standard symbols are used in Statistics Canada publications:

. not available for any reference period

.. not available for a specific reference period

... not applicable

0 true zero or a value rounded to zero

0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded

^{p} preliminary

^{r} revised

x suppressed to meet the confidentiality requirements of the *Statistics Act*

^{E} use with caution

F too unreliable to be published

R&D Research and development

RSA Related scientific activities

S&T Science and technology activities

Note

Due to rounding, components may not add to totals.

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Federal government expenditures on S&T, by department or agency	8	21	32	38	56	56
Federal government intramural expenditures on S&T, by activity	9	22	33	39	57	57
Federal government intramural expenditures on S&T, by department or agency	10	23	34	40	58	58
Federal government payments to Canadian business enterprises for S&T, by activity	11	24	35	41	59	59
Federal government payments to Canadian business enterprises for S&T, by department or agency	12	24	36	41	60	59
Federal government payments to the higher education sector for S&T, by activity	13	25	37	42	61	60
Federal government payments to the higher education sector for S&T, by department or agency	14	25	38	42	62	60
Federal government expenditures on R&D, by department or agency	15	26	39	43	63	61
Federal government current expenditures on R&D, by department or agency	16	27	40	44	-	-
Federal government expenditures on intramural R&D, by activity	17	28	41	45	64	61
Federal government expenditures on intramural R&D, by department or agency	18	28	42	45	65	62
Federal government payments to Canadian business enterprises for R&D, by activity	19	29	43	46	66	62

Statistical tables (continued)

1995-96 to 2004-05

	All sciences		Natural sciences		Social sciences	
	Table	Page	Table	Page	Table	Page
Federal government payments to Canadian business enterprises for R&D, by department or agency	20	29	44	46	67	63
Federal government contracts to Canadian business enterprises for R&D, by department or agency	21	30	45	47	-	-
Federal government grants and research fellowships to Canadian business enterprises for R&D, by department or agency	22	30	46	47	-	-
Federal government payments to the higher education sector for R&D, by activity	23	31	47	48	68	63
Federal government payments to the higher education sector for R&D, by department or agency	24	31	48	48	69	64
Federal government contracts to the higher education sector for R&D, by department or agency	25	32	49	49	-	-
Federal government grants and research fellowships to the higher education sector for R&D, by department or agency	26	32	50	50	-	-
Federal government expenditures on RSA, by department or agency	27	33	51	51	70	65
Federal government expenditures on intramural RSA, by department or agency	28	34	52	52	71	66
Federal government payments to Canadian business enterprises for RSA, by department or agency	29	34	53	52	72	67
Federal government payments to the higher education sector for RSA, by department or agency	30	35	54	53	73	67
Federal government personnel engaged in scientific activities	74	69	-	-	-	-
Federal government scientists and professionals (S&P) engaged in scientific activities	75	70	-	-	-	-
Federal government personnel engaged in scientific activities, by category	76	70	78	71	82	73
Federal government personnel engaged in scientific activities, by department or agency	-	-	79	72	83	74
Federal government personnel engaged in R&D activities, by category	77	71	80	72	84	75
Federal government personnel engaged in R&D activities, by department or agency	-	-	81	73	85	75

Notes to readers

Scope and limitations of the data

The expenditure data for scientific activities controlled by federal departments and agencies provided in this document correspond to the budgetary expenditures by program presented in Main Estimates for the approval of Parliament.

Definitions

Federal departments and agencies in receipt of budgetary appropriations are requested to identify those resources reported in Main Estimates which are to be used in scientific and technological (S&T) activities in both natural and social sciences.

The definitions used in collecting the data for this report are essentially the same as those used by the OECD in its "Frascati Manual" and by UNESCO in its "Manual for Statistics on Scientific and Technological Activities".

Natural and social sciences

The term, natural sciences, embraces those disciplines of study concerned with understanding, exploring, developing or utilizing the natural world. It covers the physical sciences, the life sciences, including the medical and agricultural sciences and engineering.

The term, social sciences, is to be regarded as synonymous with social sciences and humanities. Thus it embraces all disciplines involved in the study of human actions and conditions and the social, economic and institutional mechanisms affecting humans. Included are such disciplines as anthropology, demography, economics, geography, history, languages, literature and linguistics, law, library science, philosophy, political science, psychology, religious studies, social work, sociology, and urban and regional studies.

In some situations it may be difficult to decide whether an activity falls in the domain of the natural or social sciences. Nevertheless, an assignment must be made, and respondents are asked to consider the dominant orientation of the work and the nature of the expertise of the work and of the personnel involved.

Scientific and technological activities

There are two main categories of scientific and technological activities;

- Scientific research and experimental development (R&D) is defined as creative work undertaken on a systematic basis in order to increase the stock of knowledge, including the knowledge of humans, their culture and society, and the use of this stock of knowledge to devise new applications.

- Related scientific activities (RSA) are defined as those activities which complement and extend R&D by contributing to the generation, dissemination and application of scientific and technological knowledge. Enumerated below are the sub-groupings of related scientific activities divided by field of science.

Natural sciences

Scientific data collection
Information services
Special services and studies
Education support

Social sciences

General purpose data collection
Information services
Special services and studies
Education support

Intramural and extramural performance

Intramural S&T is defined as those activities carried out primarily by the federal government. Considered to be intramural are those activities or services provided by outside agencies but directly controlled and managed by in-house personnel. Examples include computer services, provision of ship and plane services, construction of laboratory, test or prototype equipment. Intramural also includes those activities performed by one federal government department or agency on behalf of another on a cost recovery basis.

An activity is considered to be extramurally performed if the management as well as the performance is entrusted to a non-federal organization. The six extramural performing sectors are: Canadian business enterprises, Higher education, Canadian non-profit institutions, Canadian provincial and municipal governments, Foreign performers, and Other performers.

Intramural performance includes:

- scientific activities carried out by personnel of units assigned to the program;
- the acquisition of land, buildings, machinery and equipment for scientific activities;
- the administration of scientific activities by program employees;
- the purchase of support services such as EDP and travel.

The intramural expenditures reported for scientific activities are those direct costs associated with scientific programs. These costs include that portion of a program's contribution to employee benefit plans (e.g., superannuation) which is applicable to the scientific manpower within the program. Non-program ("indirect") costs, such as the value of services provided by other departments without charge and accommodation provided by the reporting program are included.

Extramural performers include:

Canadian business enterprises - business and government enterprises including public utilities and government-owned firms. Incorporated consultants who provide scientific and engineering services are also included. Industrial research institutes located at Canadian universities are considered to be in the university sector.

Higher education - including affiliated institutes owned, administered or staffed by universities.

Canadian non-profit institutions - charitable foundations, voluntary health organizations, scientific and professional societies, and other organizations not established to earn profits. Non-profit institutions primarily serving or controlled by another sector are included in that sector (e.g. The Pulp and Paper Research Institute is considered to be part of the Canadian Business Enterprises sector).

Canadian provincial and municipal governments - departments and agencies of provincial and municipal governments. However, provincial utilities are included in the Canadian Business Enterprises sector.

Foreign performers - all foreign governments, foreign companies (including foreign subsidiaries of Canadian firms), international organizations, non-resident foreign nationals and Canadians studying or teaching abroad.

Other performers - individuals or organizations not belonging to any of the above sectors. This includes provincial research councils and organizations.

Contracts, grants and contributions

The federal government uses three methods of funding extramurally-performed S&T activities:

A contract is a legal agreement between two or more parties which will usually specify the nature and general objective of the S&T activity to be performed and the provision of the service according to an agreed schedule and cost

A grant is an unconditional payment for which service is not necessarily expected (information, goods, etc.). It is to be noted, however, that prospective recipients may have to satisfy certain eligibility requirements.

A contribution is an agreement between the recipient which specifies the terms and conditions under which funds will be paid. The payments are conditional upon performance or achievement and the recipients use of the funds is subject to audit.

In this report the term "grants" encompasses both grants and contributions. Data subdivided by type of funding are collected only for R&D activities.

Personnel

Federal employees: "permanent", temporary and casual staff of all departments and agencies of the Federal Government, as well as the Canadian Nuclear Safety Commission, Atomic Energy of Canada Limited, Canada Mortgage and Housing Corporation, Canadian Broadcasting Corporation, the Canadian Human Rights Commission, the Canadian International Development Agency, the Commissioner of Official Languages, the International Development Research Centre, the International Joint Commission, the Law Reform Commission of Canada, the Canadian Institutes of Health Research, the National Capital Commission, the National Energy Board, the National Film Board, the National Library of Canada, the National Museums of Canada, the National Research Council Canada, the Natural Sciences and Engineering Research Council of Canada, the Privy Council Office, the National Archives of Canada, the Public Service Commission of Canada, the Royal Canadian Mounted Police, and the Social Sciences and Humanities Research Council of Canada.

Person-years: a measure of the time actually devoted to the conduct of scientific activities. An employee who is engaged in scientific activities for about four months (e.g. a summer term employee), or one who works about a third of the time on scientific activities, would have a person-year equivalence of 0.3.

Scientific and professional: groups engaged in the application of a comprehensive body of knowledge acquired through university graduation or groups in which membership in Canada is generally controlled by legal licensing bodies.

Administrative and foreign service: groups engaged in the planning, execution, conduct and control of programs serving the public interest, relations between Canada and other countries and the requirements of internal management in the Public Service of Canada.

Technical: groups engaged in the conduct of analytical, experimental and investigative duties in all the sciences and the performance of similar technical duties in which the requisite knowledge and skills are normally acquired through completion of secondary school education and specialized training.

Administrative support: groups such as clerical and regulatory; communications; data processing; office equipment operation; secretarial, stenographic, typing, and telephone operation.

Operational: groups engaged in the performance of a craft or of unskilled work. It refers to groups such as correctional, general services, postal operations, and printing operations.

From 1996-97 data on personnel resources have been compressed from seven to three principal categories. Scientific and Professional includes Executive; Technical; and Administrative Support includes Administrative and Foreign Service, Operational and Military.

Abbreviations

Departments and agencies

ACOA	Atlantic Canada Opportunities Agency
AECB	Atomic Energy Control Board
AECL	Atomic Energy of Canada Limited
AGR	Agriculture and Agri-Food Canada
BC	Bank of Canada
C&I	Citizenship and Immigration
CBC	Canadian Broadcasting Corporation
CCA	Consumer and Corporate Affairs
CCMD	Canadian Centre for Management Development
CED(Qué)	Canada Economic Development (Québec Regions)
CFI	Canada Foundation for Innovation
CFIA	Canadian Food Inspection Agency
CH	Canadian Heritage
CHRC	Canadian Human Rights Commission
CIDA	Canadian International Development Agency
CIHR	Canadian Institutes of Health Research
CITT	Canadian International Trade Tribunal
CMC	Canadian Museum of Civilization
CMHC	Canada Mortgage and Housing Corporation
CMN	Canadian Museum of Nature
CNSC	Canadian Nuclear Safety Commission
COL	Commissioner of Official Languages
CRA	Canada Revenue Agency
CSA	Canadian Space Agency
CSTM	Canada Science and Technology Museum
E&I	Employment and Immigration
EA	External Affairs
ECC	Economic Council of Canada
ENV	Environment
EPC	Emergency Preparedness Canada
F&O	Fisheries and Oceans
FA&IT	Foreign Affairs and International Trade Canada
FAC	Foreign Affairs Canada
FIN	Finance
GC	Genome Canada
GTA	Grain Transportation Agency
HC	Health Canada
HRDC	Human Resources Development Canada
HRSD	Human Resources and Skills Development
IAND	Indian Affairs and Northern Development
IDRC	International Development Research Centre
IJC	International Joint Commission
IND	Industry Canada
JUS	Justice
M&C	Multiculturalism and Citizenship Canada
MRC	Medical Research Council
NA	National Archives
NCC	National Capital Commission
NDEF	National Defence
NEB	National Energy Board
NFB	National Film Board
NGC	National Gallery of Canada
NL	National Library
NRC	National Research Council
NRCan	Natural Resources Canada
NREV	Revenue Canada
NSERC	Natural Sciences and Engineering Research Council
PC	Privy Council Office
PCA	Parks Canada Agency
PSC	Public Service Commission

Departments and agencies – Concluded

PSSRB	Public Service Staff Relations Board
PW&GS	Public Works and Government Services Canada
RCMP	Royal Canadian Mounted Police
SD	Social Development
SGEN	Solicitor General
SSHRC	Social Sciences and Humanities Research Council
STCAN	Statistics Canada
SWC	Status of Women Canada
TB	Treasury Board
TC	Transport Canada
TSBC	Transportation Safety Board of Canada
URC	University Research Councils
WEDC	Western Economic Diversification Canada

Table 1.

Federal government expenditures on science and technology activities (S&T), by activity and by science type, 1995-96 to 2004-05[p]

Year	Natural sciences			Social sciences			Natural and social sciences		
	R&D	RSA	Total	R&D	RSA	Total	R&D	RSA	**Total**
	%			%			%		in millions of dollars
1995-96	57	20	77	4	19	23	61	39	**5,693**
1996-97	56	19	75	4	21	25	60	40	**5,694**
1997-98	58	19	77	4	20	24	62	39	**5,509**
1998-99	58	19	77	4	19	23	62	38	**5,802**
1999-00	58	19	78	4	18	22	62	37	**6,252**
2000-01	58	19	76	4	20	24	62	38	**6,707**
2001-02[r]	55	19	74	6	20	26	61	39	**8,169**
2002-03[r]	57	21	78	4	18	22	61	39	**8,014**
2003-04[p]	56	20	76	7	17	24	63	37	**8,988**
2004-05[p]	56	20	76	7	17	24	63	37	**9,183**

Table 2.

Federal government expenditures on S&T, by science type and by performer[1], 1995-96 to 2004-05[p]

Sector of performance	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[e]	2004-05[p]
					in millions of dollars					
Total sciences:										
Intramural	3,427	3,575	3,351	3,455	3,658	4,043	4,555	4,630	4,856	4,875
Canadian business enterprises	885	801	927	952	926	847	1,108	998	1,041	1,021
Higher education	933	894	860	989	1,173	1,320	1,739	1,803	2,297	2,535
Canadian non-profit institutions	103	112	110	122	181	154	401	200	404	334
Provincial and municipal governments	47	33	12	14	18	37	31	34	19	32
Other Canadian performers	39	32	27	36	66	56	53	65	64	75
Foreign	259	247	222	233	229	250	282	284	307	311
Total	**5,693**	**5,694**	**5,509**	**5,802**	**6,252**	**6,707**	**8,169**	**8,014**	**8,988**	**9,183**
Natural sciences:										
Intramural	2,486	2,507	2,417	2,459	2,648	2,872	3,166	3,308	3,437	3,471
Canadian business enterprises	846	767	892	924	896	816	1,071	965	1,007	982
Higher education	773	737	702	836	1,002	1,139	1,341	1,583	1,808	1,950
Canadian non-profit institutions	59	66	57	56	128	98	226	130	338	270
Provincial and municipal governments	43	30	9	11	15	22	14	29	12	26
Other Canadian performers	26	26	19	31	42	33	30	42	39	48
Foreign	144	140	126	134	134	144	157	168	188	196
Total	**4,377**	**4,273**	**4,222**	**4,450**	**4,866**	**5,124**	**6,005**	**6,225**	**6,829**	**6,943**
Social sciences:										
Intramural	941	1,068	934	996	1,010	1,171	1,389	1,322	1,419	1,404
Canadian business enterprises	40	34	35	29	30	32	38	33	34	39
Higher education	159	157	158	153	171	181	398	220	489	585
Canadian non-profit institutions	44	46	53	65	52	56	174	70	66	64
Provincial and municipal governments	4	3	3	3	1	15	17	5	7	6
Other Canadian performers	13	6	8	6	26	23	23	23	25	27
Foreign	115	107	96	99	95	105	125	116	119	115
Total	**1,316**	**1,421**	**1,287**	**1,352**	**1,386**	**1,582**	**2,164**	**1,789**	**2,159**	**2,240**

1. As reported by the funder, the federal government, not by the performers.

Table 3.

Federal government expenditures on research and development (R&D), by science type and by performer[1], 1995-96 to 2004-05[p]

Sector of performance	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[e]	2004-05[e]
						in millions of dollars				
Total sciences:										
Intramural	1,727	1,792	1,720	1,743	1,859	2,080	2,102	2,190	2,238	2,234
Canadian business enterprises	665	573	721	749	713	624	862	726	757	726
Higher education	797	761	725	842	1,010	1,170	1,595	1,644	2,117	2,310
Canadian non-profit institutions	59	75	71	82	130	76	233	142	351	280
Provincial and municipal governments	38	27	6	9	13	34	26	26	10	24
Other Canadian performers	27	23	16	29	46	35	35	46	50	57
Foreign	151	141	120	124	118	131	136	153	166	167
Total	**3,465**	**3,391**	**3,379**	**3,578**	**3,890**	**4,150**	**4,989**	**4,927**	**5,689**	**5,798**
Natural sciences :										
Intramural	1,669	1,724	1,651	1,667	1,774	1,995	2,010	2,073	2,115	2,107
Canadian business enterprises	662	570	720	747	711	622	857	722	752	722
Higher education	713	680	644	762	913	1,063	1,265	1,495	1,713	1,845
Canadian non-profit institutions	34	52	47	43	109	48	202	107	317	248
Provincial and municipal governments	37	25	4	8	13	19	9	24	6	21
Other Canadian performers	23	21	15	27	37	27	25	37	35	41
Foreign	114	110	94	97	95	104	112	123	134	133
Total	**3,252**	**3,181**	**3,174**	**3,350**	**3,653**	**3,879**	**4,480**	**4,581**	**5,072**	**5,117**
Social sciences:										
Intramural	58	68	69	76	85	85	92	117	123	127
Canadian business enterprises	3	3	2	3	2	2	5	4	5	4
Higher education	85	81	80	80	97	107	330	149	404	465
Canadian non-profit institutions	24	24	24	39	21	28	31	35	34	32
Provincial and municipal governments	1	2	2	1	1	15	17	2	4	3
Other Canadian performers	4	2	1	2	9	8	10	9	15	16
Foreign	38	31	27	27	23	27	24	30	32	34
Total	**213**	**210**	**205**	**228**	**237**	**271**	**509**	**346**	**617**	**681**

1. As reported by the funder, the federal government, not by the performers.

Table 4.

Federal government current expenditures on R&D, by science type and by performer, 1995-96 to 2004-05[p]

Year	Federal Government	Canadian business enterprise	Higher Education	Canadian non-profit institutions	Other[1] Canadian	Foreign	Total
			in millions of dollars				
Total sciences:							
1995-96	1,565	665	797	59	65	151	**3,302**
1996-97	1,651	573	761	75	49	141	**3,250**
1997-98	1,567	721	725	71	22	120	**3,225**
1998-99	1,606	749	842	82	38	124	**3,441**
1999-00	1,715	713	1,010	130	59	118	**3,745**
2000-01[r]	1,882	624	1,170	76	69	131	**3,952**
2001-02[p]	1,897	862	1,595	233	61	136	**4,784**
2002-03[r]	1,982	726	1,644	142	72	153	**4,719**
2003-04[p]	2,058	757	2,117	351	60	166	**5,509**
2004-05[p]	2,048	726	2,310	280	81	167	**5,612**
Natural sciences:							
1995-96	1,507	662	713	34	60	114	**3,090**
1996-97	1,583	570	680	52	46	110	**3,041**
1997-98	1,498	720	644	47	19	94	**3,021**
1998-99	1,531	747	762	43	35	97	**3,214**
1999-00	1,630	711	913	109	50	95	**3,509**
2000-01[r]	1,798	622	1,063	48	46	104	**3,682**
2001-02[r]	1,806	857	1,265	202	34	112	**4,276**
2002-03[r]	1,868	722	1,495	107	61	123	**4,376**
2003-04[p]	1,937	752	1,713	317	41	134	**4,894**
2004-05[p]	1,923	722	1,845	248	62	133	**4,933**
Social sciences:							
1995-96	58	3	85	24	5	38	**213**
1996-97	67	3	81	24	3	31	**209**
1997-98	68	2	80	24	3	27	**204**
1998-99	75	3	80	39	3	27	**227**
1999-00	85	2	97	21	9	23	**237**
2000-01[r]	84	2	107	28	23	27	**270**
2001-02[r]	91	5	330	31	27	24	**508**
2002-03[r]	114	4	149	35	11	30	**343**
2003-04[p]	121	5	404	34	19	32	**615**
2004-05[p]	125	4	465	32	19	34	**679**

1. Other Canadian includes provincial and municipal governments

Table 5.

Federal government expenditures on related scientific activities (RSA), by science type and by performer[1], 1995-96 to 2004-05[p]

Sector of performance	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[r]	2004-05[p]
					in millions of dollars					
Total sciences:										
Intramural	1,699	1,783	1,631	1,712	1,799	1,963	2,453	2,440	2,616	2,641
Canadian business enterprises	221	228	206	203	212	223	247	272	285	295
Higher education	135	133	135	147	164	150	144	159	181	225
Canadian non-profit institutions	45	37	40	40	51	77	168	58	53	54
Provincial and municipal governments	9	6	6	5	5	3	5	8	9	8
Other Canadian performers	12	11	11	9	20	21	18	19	14	18
Foreign	107	105	101	109	111	119	145	131	141	144
Total	**2,228**	**2,303**	**2,130**	**2,224**	**2,362**	**2,557**	**3,180**	**3,087**	**3,299**	**3,385**
Natural sciences:										
Intramural	816	783	766	792	874	877	1,156	1,235	1,321	1,364
Canadian business enterprises	184	197	172	177	185	193	214	243	256	261
Higher education	60	58	58	74	89	76	76	88	96	104
Canadian non-profit institutions	25	14	11	14	19	50	25	23	21	22
Provincial and municipal governments	6	5	4	3	3	2	4	5	6	5
Other Canadian performers	4	5	4	4	4	6	5	5	4	7
Foreign	30	30	33	37	39	41	45	45	53	63
Total	**1,125**	**1,091**	**1,048**	**1,100**	**1,213**	**1,245**	**1,525**	**1,644**	**1,757**	**1,826**
Social sciences:										
Intramural	883	1,000	866	920	925	1,086	1,297	1,205	1,295	1,277
Canadian business enterprises	37	31	33	26	28	30	33	29	29	34
Higher education	75	76	77	73	75	74	68	71	85	121
Canadian non-profit institutions	20	23	29	26	31	28	143	35	32	32
Provincial and municipal governments	3	1	2	2	2	1	1	3	3	3
Other Canadian performers	8	5	7	5	16	15	13	14	10	11
Foreign	77	75	69	72	72	78	100	86	88	81
Total	**1,103**	**1,211**	**1,082**	**1,124**	**1,149**	**1,312**	**1,655**	**1,443**	**1,542**	**1,559**

1. As reported by the funder, the federal government, not by the performers.

Table 6.

Federal government expenditures on S&T, by science type, 1995-96 to 2004-05[p]

Year	R&D expenditure			RSA expenditures			Total all activities
	Current	Capital	Total	Current	Capital	Total	
	in millions of dollars						
Total sciences:							
1995-96	3,302	163	3,465	2,081	147	2,228	**5,693**
1996-97	3,250	141	3,391	2,164	139	2,303	**5,694**
1997-98	3,225	154	3,379	2,040	91	2,130	**5,509**
1998-99	3,441	137	3,578	2,135	89	2,224	**5,802**
1999-00	3,745	144	3,890	2,286	76	2,362	**6,252**
2000-01[r]	3,952	198	4,150	2,455	102	2,557	**6,707**
2001-02[r]	4,784	205	4,989	3,077	103	3,180	**8,169**
2002-03[r]	4,719	208	4,927	2,995	92	3,087	**8,014**
2003-04[p]	5,509	180	5,689	3,174	125	3,299	**8,988**
2004-05[p]	5,612	186	5,798	3,254	131	3,385	**9,183**
Natural sciences:							
1995-96	3,090	162	3,252	1,054	71	1,125	**4,377**
1996-97	3,041	140	3,181	1,029	62	1,091	**4,273**
1997-98	3,021	153	3,174	1,000	48	1,048	**4,222**
1998-99	3,214	136	3,350	1,058	41	1,100	**4,450**
1999-00	3,509	144	3,653	1,177	37	1,213	**4,866**
2000-01[r]	3,682	197	3,879	1,199	46	1,245	**5,124**
2001-02[r]	4,276	204	4,480	1,466	59	1,525	**6,005**
2002-03[r]	4,376	205	4,581	1,596	48	1,644	**6,225**
2003-04[p]	4,894	178	5,072	1,711	46	1,757	**6,829**
2004-05[p]	4,933	184	5,117	1,778	48	1,826	**6,943**
Social sciences:							
1995-96	213	0	213	1,027	76	1,103	**1,316**
1996-97	209	1	210	1,134	77	1,211	**1,421**
1997-98	204	1	205	1,039	43	1,082	**1,287**
1998-99	227	1	228	1,076	48	1,124	**1,352**
1999-00	237	0	237	1,109	40	1,149	**1,386**
2000-01[r]	270	1	271	1,256	56	1,312	**1,582**
2001-02[r]	508	1	509	1,611	44	1,655	**2,164**
2002-03[r]	343	3	346	1,400	43	1,443	**1,789**
2003-04[p]	615	2	617	1,463	79	1,542	**2,159**
2004-05[p]	679	2	681	1,476	83	1,559	**2,240**

All sciences

Table 7.

Federal government expenditures on S&T, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97[r]	1997-98[r]	1998-99[r]	1999-00[r]	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[e]	2004-05[e]
					in millions of dollars					
R&D:										
Current expenditures	3,140	3,086	3,062	3,241	3,559	3,770	4,571	4,492	5,233	5,334
Administration of extramural programs	162	164	163	200	186	183	213	227	276	278
Capital expenditures	163	141	154	137	144	198	205	208	180	186
Sub-total R&D	*3,465*	*3,391*	*3,379*	*3,578*	*3,890*	*4,150*	*4,989*	*4,927*	*5,689*	*5,798*
RSA:										
Data collection	923	1,007	964	1,022	1,106	1,231	1,611	1,555	1,663	1,667
Information services	539	522	465	469	486	484	618	622	652	680
Special services and studies	447	463	436	452	485	531	513	587	602	597
Education support	139	139	142	157	168	163	286	177	201	250
Administration of extramural programs	34	33	32	35	40	46	49	54	56	60
Capital expenditures	147	139	91	89	77	102	103	92	125	131
Sub-total RSA	*2,228*	*2,303*	*2,130*	*2,224*	*2,362*	*2,557*	*3,180*	*3,087*	*3,299*	*3,385*
Total	**5,693**	**5,694**	**5,509**	**5,802**	**6,252**	**6,707**	**8,169**	**8,014**	**8,988**	**9,183**

Table 8.

Federal government expenditures on S&T, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AECL	168	240	174	135	132	136	178	147	180	162
AGR	358	368	359	351	387	363	337	320	323	335
BC	35	39	41	45	41	42	48	67	71	78
CFI	...	...	2	31	118	188	239	332	383	419
CFIA	...	28	30	30	32	37	38	54	48	45
CH	82	82	78	1	1	1	11	11	15	15
CIDA	334	339	303	314	335	358	387	352	341	403
CIHR	...	...	...	...	317	392	529	628	698	719
CMC	53	56	55	54	55	58	64	83	124	143
CSA	299	253	230	343	305	310	330	320	307	312
ENV[1]	529	456	453	427	538	479	626	574	799	721
F&O	244	246	204	281	287	367	319	363	327	331
FA&IT	58	59	58	49	54	45	48	...	...	...
FAC	...	...	...	...	...	...	...	48	47	46
GC	...	...	...	...	...	...	34	62	81	84
HC	201	214	210	204	236	229	311	342	382	384
HRDC	60	60	65	74	60	69	64	66	61	...
HRSD	...	...	...	...	...	...	...	...	...	31
IDRC	88	88	78	85	82	84	76	86	92	104
IND	324	291	407	343	301	336	687	424	445	373
MRC	252	242	238	277	...	...	...	...	...	...
NA	65	46	36	35	35	41	59	56	56	50
NDEF	233	253	311	304	335	315	315	358	439	460
NL	49	43	42	40	42	48	54	60	59	53
NRC	481	479	524	554	597	655	719	793	804	803
NRCan	475	430	396	386	421	437	554	511	493	500
NSERC	471	453	436	499	549	568	588	653	762	814
PCA	...	...	...	82	68	90	95	100	103	103
SD	...	...	...	...	...	...	...	...	...	30
SSHRC	101	93	96	104	127	145	362	188	463	541
STCAN	406	535[3]	400	437	461	576	727[3]	579	616	615
TB	35	32	35	37	44	47	57	47	45	24
Other	292	269	248	280	292	291	313	390	424	485
Total	**5,693**	**5,694**	**5,509**	**5,802**	**6,252**	**6,707**	**8,169**	**8,014**	**8,988**	**9,183**

See footnotes at end of section.

Table 9.

Federal Government Intramural Expenditures on S&T, by Activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97[r]	1997-98[r]	1998-99[r]	1999-00[r]	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
R&D:										
Current expenditures	1,403	1,486	1,403	1,406	1,528	1,700	1,684	1,754	1,782	1,770
Administration of extramural programs	162	164	163	200	186	183	213	227	276	278
Capital expenditures	163	141	154	137	144	198	205	208	180	186
Sub-total R&D	*1,727*	*1,792*	*1,720*	*1,743*	*1,859*	*2,080*	*2,102*	*2,190*	*2,238*	*2,234*
RSA:										
Data collection	840	931	886	942	1,022	1,152	1,519	1,450	1,555	1,555
Information services	457	449	404	408	420	417	522	538	563	588
Special services and studies	213	221	207	223	231	238	252	294	302	287
Education support	9	11	11	15	9	8	8	13	16	21
Administration of extramural programs	34	33	32	35	40	46	50	54	56	60
Capital expenditures	147	139	91	89	77	102	103	91	125	131
Sub-total RSA	*1,699*	*1,783*	*1,631*	*1,712*	*1,799*	*1,963*	*2,453*	*2,440*	*2,616*	*2,641*
Total	**3,427**	**3,575**	**3,351**	**3,455**	**3,658**	**4,043**	**4,555**	**4,630**	**4,856**	**4,875**

Table 10.

Federal government intramural expenditures on S&T, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	148	219	154	114	123	128	168	136	167	150
AGR	343	362	354	348	366	347	325	298	309	314
BC	35	39	41	45	41	42	48	67	71	78
CFI	...	...	2	3	4	5	8	7	10	10
CFIA	...	28	30	30	32	37	38	54	48	44
CH	76	78	72	...	...	...	...	4	5	4
CIDA	13	15	14	15	17	16	17	21	19	19
CMC	53	56	55	54	55	58	64	83	124	143
CMN	29	33	25	23	23	26	28	30	46	65
CSA	72	64	55	86	55	174	162	162	161	164
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	464	399	404	369	419	427	506	508	553	550
F&O	223	238	196	271	277	327	307	348	312	315
FA&IT	11	11	11	10	11	10	11	...	...	...
FAC	...	...	...	...	...	...	...	7	6	6
FIN	20	19	20	22	26	25	28	29	27	27
GC	...	...	...	...	...	...	1	2	3	3
HC	149	163	170	174	209	193	269	297	332	332
HRDC	29	32	28	24	25	29	38	36	36	...
HRSD	...	...	...	...	...	...	...	...	...	18
IDRC	28	39	41	45	48	43	39	38	41	46
IND	137	103	99	108	100	90	107	102	111	126
NA	63	44	34	33	33	36	55	53	53	48
NDEF	131	153	164	163	193	175	142	188	193	198
NGC	37	33	46	49	42	44	45	51	49	50
NL	48	43	42	40	42	48	53	60	59	53
NRC	357	350	394	403	456	506	570	645	667	669
NRCan	402	370	347	334	343	374	455	449	436	442
PCA	...	...	...	80	65	87	93	99	101	101
SD	...	...	...	...	...	...	...	...	...	18
STCAN	406	534[1]	400	437	461	575	726[1]	579	616	614
TB	35	32	34	37	44	47	57	47	45	24
TC	5	6	7	8	6	7	11	15	16	16
Other	89	87	88	107	118	139	155	185	196	195
Total	**3,427**	**3,575**	**3,351**	**3,455**	**3,658**	**4,043**	**4,555**	**4,630**	**4,856**	**4,875**

See footnotes at end of section.

Table 11.

Federal government payments to Canadian business enterprises for S&T, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[r]	2004-05[r]
	in millions of dollars									
R&D	**665**	**573**	**721**	**749**	**713**	**624**	**862**	**726**	**757**	**726**
RSA:										
Data collection	47	45	46	47	43	45	52	52	55	54
Information services	14	15	11	11	13	15	21	26	30	25
Special services and studies	156	166	146	141	154	160	171	190	195	211
Education support	3	3	3	3	3	3	3	4	4	5
Total	**885**	**801**	**927**	**952**	**926**	**847**	**1,109**	**998**	**1,041**	**1,021**

Table 12.

Federal government payments to Canadian business enterprises for S&T, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	11	5	7	11	8	15	10	26	36	63
AECL	15	17	14	16	7	5	6	6	7	7
CED (Qué)	15	9	9	5	5	4	11	21	20	18
CIDA	161	162	141	144	158	165	166	161	156	182
CSA	185	142	143	223	215	102	134	114	106	107
ENV	29	32	26	34	31	29	36	35	41	41
F&O	19	5	5	8	1	1	3	5	5	5
HC	6	4	4	3	3	4	11	12	13	14
IND	174	177	299	223	191	237	419	321	322	236
NDEF	88	85	120	118	122	120	152	133	181	190
NRC	76	82	82	99	89	89	82	76	87	87
NRCan	31	30	27	34	53	35	27	35	29	29
TC	13	9	9	9	8	9	9	9	9	10
WEDC	14	8	5	2	11	6	10	7	7	7
Other	48	34	36	23	24	26	33	37	22	25
Total	**885**	**801**	**927**	**952**	**926**	**847**	**1,109**	**998**	**1,041**	**1,021**

Table 13.

Federal government payments to the higher education sector for S&T, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
R&D	**797**	**761**	**725**	**842**	**1,010**	**1,170**	**1,595**	**1,644**	**2,117**	**2,310**
RSA:										
Data collection	11	10	10	11	10	8	5	5	5	5
Information services	10	11	10	11	12	10	10	10	13	19
Special services and studies	4	4	3	2	5	2	2	4	6	4
Education support	110	109	113	123	136	130	127	140	157	197
Total	**933**	**894**	**860**	**989**	**1,173**	**1,320**	**1,739**	**1,803**	**2,297**	**2,535**

Table 14.

Federal Government Payments to the Higher Education Sector for S&T, by Department or Agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AGR	4	1	1	1	1	1	1	1	3	1
CED (Qué)	5	8	3	5	0	0	1	1	3	2
CFI	...	...	...	27	114	183	231	324	373	409
CIDA	62	63	58	57	60	53	55	54	55	82
CIHR	...	...	...	...	289	350	482	564	622	648
ENV	15	8	10	10	10	10	10	9	10	10
FA&IT	14	14	18	14	16	13	12	...	...	...
FAC	...	...	...	...	...	...	...	12	12	12
HC	25	26	18	15	14	8	4	9	7	8
IND	4	1	...	...	...	...	...	...	...	...
MRC	233	221	217	250	...	...	...	...	...	...
NDEF	6	8	7	5	4	4	4	5	3	8
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	5	3	2	2	4	7	5	7	5	5
NSERC	421	413	392	447	491	504	518	568	683	736
SSHRC	81	75	77	82	99	114	329	151	423	499
Other	23	20	21	35	32	29	36	48	58	75
Total	**933**	**894**	**860**	**989**	**1,173**	**1,320**	**1,739**	**1,803**	**2,297**	**2,535**

Table 15.

Federal government expenditures on R&D, by department or agency, 1995-96 to 2004-05[p]

Department or Agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	34	21	7	29	27	27	14	51	67	118
AECL	163	240	174	135	132	136	178	147	180	162
AGR	328	350	340	335	370	354	329	267	236	249
BC	8	10	11	11	13	12	13	25	28	32
CED (Qué)	24	28	22	23	12	10	17	25	27	24
CFI	...	...	2	31	118	188	239	332	383	419
CFIA	...	12	13	11	10	13	12	19	18	16
CH	2	1	1	0	0	0	10	5	9	9
CIDA	51	52	48	49	50	57	56	53	44	68
CIHR	...	...	...	...	304	384	522	622	690	712
CMC	5	5	5	5	5	5	5	6	5	5
CSA	291	245	224	337	300	298	317	309	293	297
ENV[1]	163	135	127	116	196	144	222	207	401	324
F&O	99	95	78	109	110	130	123	141	126	128
GC	...	...	...	...	...	...	34	62	81	84
HC	63	74	65	54	55	64	102	105	124	113
HRDC	22	18	17	31	15	20	20	18	15	...
HRSD	...	...	...	...	...	...	...	...	...	9
IDRC	78	76	64	67	71	76	65	67	71	80
IND	268	230	345	274	239	288	503	371	383	304
MRC	244	234	229	266	...	...	...	...	...	...
NDEF	229	223	264	263	294	274	281	261	315	337
NRC	419	429	470	499	530	591	645	718	729	728
NRCan[2]	403	372	350	345	376	388	335	285	274	278
NSERC	425	410	393	443	481	500	517	573	673	716
SSHRC	70	64	65	68	92	105	325	148	408	464
WEDC	14	12	7	13	24	17	30	26	26	26
Other	62	55	58	64	66	69	75	84	83	96
Total	**3,465**	**3,391**	**3,379**	**3,578**	**3,890**	**4,150**	**4,989**	**4,927**	**5,689**	**5,798**

See footnotes at end of section.

Table 16.

Federal government current expenditures on R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
ACOA	34	21	7	29	27	27	14	51	67	118
AECL	156	240	173	133	131	136	164	145	178	161
AGR	307	315	307	302	344	320	289	234	205	218
CED (Qué)	24	28	22	23	12	10	17	25	27	24
CFI	...	...	2	31	118	188	239	332	383	419
CIDA	51	52	48	49	50	57	56	53	44	68
CIHR	...	...	...	...	304	383	520	620	688	710
CSA	286	244	223	336	298	265	314	307	291	296
ENV[1]	149	125	119	109	187	132	200	184	375	299
F&O	93	92	76	108	109	129	122	140	125	127
GC	...	...	...	...	...	...	34	62	81	84
HC	62	73	64	52	54	54	97	103	121	110
HRDC	22	18	17	31	15	20	20	18	15	...
HRSD	...	...	...	...	...	...	...	...	...	9
IDRC	78	76	64	67	71	76	65	67	71	80
IND	225	224	342	272	238	286	499	369	382	299
MRC	244	234	229	265	...	...	...	...	...	...
NDEF	217	210	248	251	259	264	269	241	296	317
NRC	393	390	417	453	486	533	561	627	657	653
NRCan[2]	377	343	318	315	353	357	320	268	259	262
NSERC	424	409	393	443	481	500	517	573	673	716
SSHRC	70	64	65	68	92	104	325	148	408	463
Other	90	92	91	104	116	111	142	152	163	179
Total	**3,302**	**3,250**	**3,225**	**3,441**	**3,745**	**3,952**	**4,784**	**4,719**	**5,509**	**5,612**

See footnotes at end of section.

Table 17.

Federal overnment expenditures on intramural R&D, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
In-house R&D	1,275	1,361	1,283	1,284	1,401	1,564	1,564	1,616	1,655	1,650
R&D contracts	28	35	37	37	37	30	25	30	32	31
Supporting contracts	88	84	76	78	82	96	85	92	79	73
Research fellowships	12	6	7	7	9	9	10	16	16	15
Administration of extramural programs	162	164	164	200	186	183	213	227	276	278
Capital expenditures	163	141	154	137	144	198	205	208	180	186
Total	**1,727**	**1,792**	**1,720**	**1,743**	**1,859**	**2,080**	**2,102**	**2,190**	**2,238**	**2,234**

Table 18.

Federal government expenditures on intramural R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	143	219	154	114	123	128	168	136	167	150
AGR	317	346	338	332	351	339	318	246	226	232
CSA	63	57	49	81	51	166	152	154	148	151
ENV	131	113	106	93	115	125	147	182	198	197
F&O	89	92	75	105	108	128	119	138	122	124
HC	33	41	40	39	43	41	72	80	93	84
IND	82	43	38	39	39	42	48	49	50	57
NDEF	127	136	140	142	173	154	139	161	158	158
NRC	294	300	340	349	389	442	496	570	591	594
NRCan[2]	342	320	309	303	307	334	243	233	224	228
Other	106	125	131	146	160	181	200	241	261	259
Total	**1,727**	**1,792**	**1,720**	**1,743**	**1,859**	**2,080**	**2,102**	**2,190**	**2,238**	**2,234**

See footnotes at end of section.

Table 19.

Federal government payments to Canadian business enterprises for R&D, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	341	267	295	381	362	227	270	203	233	263
Grants and contributions	321	299	422	363	340	393	587	518	518	457
Research fellowships	3	7	4	5	12	4	5	5	6	6
Total	**665**	**573**	**721**	**749**	**713**	**624**	**862**	**726**	**757**	**726**

Table 20.

Federal government payments to Canadian business enterprises for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	11	5	7	11	8	15	10	26	36	63
AECL	15	17	14	16	7	5	6	6	7	7
AGR	3	2	0	0	0	0	0	...	...	...
CED (Qué)	15	9	8	4	5	3	11	21	19	18
CSA	185	142	143	223	214	100	132	111	104	105
ENV	13	10	8	10	8	8	11	14	15	15
IND	173	177	299	223	191	237	419	321	322	236
NDEF	88	73	105	107	110	108	122	72	104	133
NRC	76	82	82	99	89	89	82	76	87	87
NRCan	27	23	20	27	47	28	26	34	28	28
NSERC	17	11	15	10	10	12	12	18	5	5
TC	12	8	7	7	7	7	8	7	7	8
Other	30	14	13	12	17	12	23	20	23	21
Total	**665**	**573**	**721**	**749**	**713**	**624**	**862**	**726**	**757**	**726**

Table 21.

Federal government contracts to Canadian business enterprises for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AECL	15	17	14	16	7	5	6	6	7	7
CSA	185	142	143	222	213	88	106	90	84	85
ENV	12	9	8	10	8	8	11	14	15	15
F&O	8	1	1	1	0	0	2	0	2	2
NDEF	88	73	105	107	110	108	122	72	104	133
NRCan	12	10	11	12	10	6	5	2	2	2
TC	11	8	7	7	7	7	8	7	7	8
Other	10	7	6	6	7	5	10	12	12	11
Total	**341**	**267**	**295**	**381**	**362**	**227**	**270**	**203**	**233**	**263**

Table 22.

Federal government grants and research fellowships to Canadian business enterprises for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
ACOA	11	5	7	11	8	15	10	26	36	63
CED (Qué)	15	9	8	4	5	3	11	21	19	18
IND	173	177	299	223	191	237	419	321	322	236
NRC	76	81	82	99	88	89	82	76	87	86
NRCan	16	13	10	15	37	22	21	32	26	26
NSERC	17	11	15	10	10	12	12	18	5	5
WEDC	12	6	4	2	11	6	10	7	7	7
Other	4	4	1	4	2	13	27	22	22	22
Total	**324**	**306**	**426**	**368**	**352**	**397**	**592**	**523**	**524**	**463**

Table 23.

Federal government payments to the higher education sector for R&D, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	30	26	25	23	21	22	27	32	30	42
Grants and contributions	724	702	671	789	958	1,118	1,527	1,555	2,028	2,202
Research fellowships	43	32	29	30	31	30	41	57	59	66
Total	**797**	**761**	**725**	**842**	**1,010**	**1,170**	**1,595**	**1,644**	**2,117**	**2,310**

Table 24.

Federal government payments to the higher education sector for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	...	...	...	6	6	4	1	10	19	33
AGR	3	1	1	1	1	1	1	1	1	1
CED (Qué)	5	8	3	5	0	0	1	0	3	2
CFI	...	...	...	27	115	183	231	324	373	409
CIDA	20	20	19	18	18	17	18	17	18	27
CIHR	...	...	...	...	279	343	477	559	617	642
CSA	7	5	7	7	7	8	9	11	10	10
ENV	14	7	10	9	9	8	8	7	8	8
HC	16	17	12	7	6	5	2	7	5	7
MRC	226	215	210	241	...	...	...	...	...	...
NDEF	6	8	7	5	4	4	4	5	3	8
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	5	3	2	2	3	7	4	3	3	3
NSERC	383	377	355	398	431	447	459	501	609	654
SSHRC	63	57	57	59	77	88	307	128	385	441
Other	14	10	6	18	15	11	22	21	23	25
Total	**797**	**761**	**725**	**842**	**1,010**	**1,170**	**1,595**	**1,644**	**2,117**	**2,310**

Table 25.

Federal government contracts to the higher education sector for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	2	1	1	1	0	0	0	0	0	0
CIDA	9	9	8	8	8	8	8	8	8	12
CSA	6	5	7	7	6	8	9	11	10	10
ENV	1	1	1	2	2	2	2	3	3	3
NDEF	6	5	5	3	2	3	3	4	3	8
NRCan	2	1	1	1	1	0	0	1	1	1
Other	4	4	2	1	2	1	5	5	5	8
Total	**30**	**26**	**25**	**23**	**21**	**22**	**27**	**32**	**30**	**42**

Table 26.

Federal government grants and research fellowships to the higher education sector for R&D, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	...	...	...	6	6	4	1	10	19	33
AGR	3	1	1	1	1	1	1	1	1	1
CFI	...	...	...	27	114	183	231	324	373	409
CIDA	11	11	10	10	10	9	10	10	10	15
CIHR	...	...	...	...	279	343	477	559	617	642
ENV	13	6	8	7	7	6	6	4	5	5
HC	14	16	11	6	6	4	0	4	3	3
IDRC	3	4	2	3	3	3	2	4	4	5
MRC	226	215	210	241	...	...	...	...	...	...
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	3	2	1	1	2	6	3	3	3	3
NSERC	383	377	355	398	431	447	459	501	609	654
SSHRC	63	57	57	59	77	88	307	128	385	441
Other	13	13	9	21	14	10	20	14	18	17
Total	**767**	**735**	**700**	**819**	**989**	**1,148**	**1,568**	**1,612**	**2,087**	**2,268**

Table 27.

Federal government expenditures on RSA, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AGR	31	18	19	17	16	9	8	53	87	87
BC	27	29	30	34	29	30	35	42	43	46
CIDA	283	287	255	265	285	302	331	299	297	335
CMC	49	51	51	50	50	53	59	77	118	137
CMN	25	33	24	21	21	23	26	28	41	60
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	366	321	326	312	342	335	404	366	398	396
F&O	145	151	126	172	178	237	196	222	201	203
FA&IT	58	59	58	49	54	45	48	...	...	...
FAC	...	...	...	...	...	...	...	48	47	46
FIN	20	19	20	22	26	25	28	29	27	27
HC	137	139	145	150	180	164	210	236	258	271
HRDC	38	43	48	43	46	48	45	48	46	...
HRSD	...	...	...	...	...	...	...	...	...	23
IDRC	9	12	14	17	11	8	11	20	21	24
IND	56	61	62	69	62	48	185	53	62	69
NA	65	46	36	35	35	41	59	56	56	50
NDEF	4	30	47	41	41	41	34	97	124	123
NGC	30	26	37	39	34	35	36	41	39	40
NL	49	43	42	40	42	48	54	60	59	53
NRC	62	50	55	55	66	64	74	75	75	75
NRCan[2]	72	58	45	41	45	49	219	226	219	222
NSERC	46	43	43	56	68	68	71	80	89	97
PCA	...	...	...	81	66	89	94	100	102	102
SD	...	...	...	...	...	...	...	...	...	23
SSHRC	31	29	31	36	35	40	37	40	55	77
STCAN	397	526[3]	389	426	448	563	711[3]	560	599	598
TB	35	32	34	37	44	47	57	47	45	24
Other	169	172	169	93	114	119	119	154	147	144
Total	**2,228**	**2,303**	**2,130**	**2,224**	**2,362**	**2,557**	**3,180**	**3,087**	**3,299**	**3,385**

See footnotes at end of section.

Table 28.

Federal government expenditures on intramural RSA, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AGR	26	16	16	15	15	8	7	52	83	83
ENV	333	286	298	276	305	301	358	327	355	354
F&O	133	146	121	166	169	199	188	209	189	191
HC	116	122	130	135	166	151	197	217	238	248
IDRC	8	11	13	17	10	7	8	12	13	14
IND	55	61	62	69	62	48	59	53	62	69
NA	63	44	34	33	33	38	55	53	53	48
NL	48	43	42	40	42	48	53	60	59	53
NRC	62	50	55	55	66	64	74	75	75	75
NRCan[2]	60	50	38	31	37	40	212	216	211	215
STCAN	396	525[3]	389	425	447	562	711[3]	560	598	597
TB	35	32	34	37	44	47	57	47	45	24
Other	364	397	399	413	403	450	474	559	635	670
Total	**1,699**	**1,783**	**1,631**	**1,712**	**1,799**	**1,963**	**2,453**	**2,440**	**2,616**	**2,641**

See footnotes at end of section.

Table 29.

Federal government payments to Canadian business enterprises for RSA, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	160	162	140	143	157	165	166	161	155	181
ENV	16	22	17	24	22	21	25	21	26	26
F&O	11	5	4	5	1	1	1	5	3	3
HC	3	2	2	1	1	3	6	5	5	6
HRDC	4	2	3	3	4	4	6	4	5	...
NDEF	0	12	15	11	11	11	30	61	77	58
NRCan	4	6	7	7	6	7	1	1	1	1
TC	1	1	2	1	1	1	1	2	1	2
Other	22	16	16	8	9	10	11	12	12	18
Total	**221**	**228**	**206**	**203**	**212**	**223**	**247**	**272**	**285**	**295**

Table 30.

Federal government payments to the higher education sector for RSA, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	42	43	40	39	41	36	37	37	38	55
CIHR	...	...	...	...	10	7	6	5	6	6
FA&IT	14	14	18	14	16	13	12	...	...	...
FAC	...	...	...	...	...	...	...	12	12	12
HC	9	9	6	8	8	4	2	2	2	1
MRC	7	6	7	9	...	...	...	...	...	...
NSERC	38	36	37	48	60	57	59	67	74	82
SSHRC	19	18	20	23	21	26	22	24	38	58
Other	6	7	7	6	8	7	6	12	11	11
Total	**135**	**133**	**135**	**147**	**164**	**150**	**144**	**159**	**181**	**225**

Footnotes:

1. Environment Canada resources include large one-time grants and contributions to initiatives outside of the department which did not result in increases in departmental expenditures ($60M for Climate and Atmospheric Sciences in 1999/2000, $50M for the Sustainable Development Technology Fund in 2001/02, $50M for the Canadian Foundation for Climate and Atmospheric Sciences and $125M for the Sustainable Development Technology Fund in 2003/04 and $100M forecasted for the Sustainable Development Technology Fund in 2004/05).

2. New program structures combined with stricter interpretation of the definitions of R&D and RSA, have led to a significant change in NRCan's reporting of resources as compared to previous years (effective as of 2001-2002).

3. Census year.

Natural sciences

Table 31.

Federal government expenditures on S&T in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
R&D:										
Current expenditures	2,945	2,899	2,879	3,039	3,350	3,528	4,093	4,181	4,654	4,692
Administration of extramural programs	144	142	143	176	158	154	183	195	240	241
Capital expenditures	162	140	152	136	144	197	204	205	178	184
Sub-total R&D	*3,252*	*3,181*	*3,174*	*3,350*	*3,653*	*3,879*	*4,480*	*4,581*	*5,072*	*5,117*
RSA:										
Scientific data collection	575	540	565	595	670	692	894	941	996	1,005
Information services	180	170	143	146	154	110	199	220	244	261
Special services and studies	216	237	210	221	240	284	258	299	320	340
Education support	65	65	63	78	92	89	90	107	120	139
Administration of extramural programs	18	17	18	18	21	24	26	29	31	33
Capital expenditures	71	62	48	41	36	46	59	48	46	48
Sub-total RSA	*1,125*	*1,091*	*1,048*	*1,100*	*1,213*	*1,245*	*1,526*	*1,644*	*1,757*	*1,826*
Total	**4,377**	**4,273**	**4,222**	**4,450**	**4,866**	**5,124**	**6,005**	**6,225**	**6,829**	**6,943**

Table 32.

Federal government expenditures on S&T in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	34	21	7	29	27	27	14	51	67	118
AECL	168	240	174	135	132	136	178	147	180	162
AGR	348	359	350	344	380	356	331	315	315	328
CED(Qué)	24	28	22	23	12	10	17	25	27	24
CFI	...	...	2	31	119	188	239	332	383	419
CFIA	...	28	30	30	32	37	38	54	48	45
CIDA	218	222	194	200	216	231	240	225	212	253
CIHR	...	...	...	...	317	392	529	628	698	719
CMN	29	35	26	23	23	26	28	31	46	65
CSA	299	253	230	343	305	310	330	320	307	312
ENV[1]	525	452	449	423	534	475	620	569	794	715
F&O	238	237	194	271	279	358	307	351	315	319
GC	...	...	...	...	...	...	32	61	79	83
HC	170	187	185	189	220	194	265	283	320	328
IDRC	30	27	22	19	23	29	23	21	22	25
IND	309	277	392	326	284	317	541	404	424	351
MRC	252	242	238	277	...	...	...	...	...	...
NDEF	230	240	294	288	319	299	311	352	433	457
NRC	481	479	524	554	597	655	719	793	804	803
NRCan	475	430	396	386	421	437	554	511	493	500
NSERC	471	453	436	499	549	568	588	653	762	814
TC	21	16	19	19	17	17	21	25	24	27
WEDC	16	14	9	13	24	17	31	26	26	26
Other	39	33	29	28	36	45	49	48	50	50
Total	**4,377**	**4,273**	**4,222**	**4,450**	**4,866**	**5,124**	**6,005**	**6,225**	**6,829**	**6,943**

See footnotes at end of section.

Table 33.

Federal government intramural expenditures on S&T in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
R&D:										
Current expenditures	1,363	1,441	1,356	1,356	1,471	1,644	1,623	1,672	1,698	1,682
Administration of extramural programs	144	142	143	176	158	154	183	196	239	241
Capital expenditures	162	140	152	136	144	197	204	205	178	184
Sub-total R&D	*1,669*	*1,724*	*1,651*	*1,667*	*1,774*	*1,995*	*2,010*	*2,073*	*2,115*	*2,107*
RSA:										
Scientific data collection	512	482	506	525	599	626	814	859	911	918
Information services	140	133	120	123	127	85	165	175	196	215
Special services and studies	70	81	68	78	84	88	84	113	122	130
Education support	5	7	6	7	7	8	8	11	15	20
Administration of extramural programs	18	17	18	18	21	24	26	29	31	33
Capital expenditures	71	62	48	41	36	46	59	48	46	48
Sub-total RSA	*817*	*783*	*766*	*792*	*874*	*877*	*1,156*	*1,235*	*1,321*	*1,364*
Total	**2,486**	**2,507**	**2,417**	**2,459**	**2,648**	**2,872**	**3,166**	**3,308**	**3,437**	**3,471**

Table 34.

Federal government intramural expenditures on S&T in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AECL	148	219	154	114	123	128	168	136	167	150
AGR	337	355	348	341	360	340	319	293	302	308
CFIA	...	28	30	30	32	37	38	54	48	44
CMN	29	33	25	23	23	26	28	30	46	65
CSA	72	64	55	86	55	174	162	162	161	164
ENV	460	395	401	365	415	423	500	504	548	545
F&O	217	229	186	262	268	317	296	335	300	303
HC	143	158	165	172	207	189	256	269	305	306
IND	123	90	85	91	84	71	87	82	90	104
NDEF	128	142	151	151	181	163	141	184	189	197
NRC	357	350	394	403	456	506	570	645	667	669
NRCan	402	370	347	334	343	374	455	449	436	442
TC	5	6	7	8	6	7	10	14	13	13
Other	65	68	69	79	95	117	136	151	165	161
Total	**2,486**	**2,507**	**2,417**	**2,459**	**2,648**	**2,872**	**3,166**	**3,308**	**3,437**	**3,471**

Table 35.

Federal government payments to Canadian business enterprises for S&T in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
R&D	**662**	**570**	**720**	**747**	**711**	**623**	**857**	**722**	**752**	**722**
RSA:										
Scientific data collection	39	37	38	44	40	42	49	48	50	49
Information services	10	14	8	8	9	10	10	25	29	24
Special services and studies	133	144	124	123	133	139	152	167	172	183
Education support	2	2	2	2	2	2	3	3	4	4
Total	**846**	**767**	**892**	**924**	**896**	**816**	**1,071**	**965**	**1,007**	**982**

Table 36.

Federal government payments to Canadian business enterprises for S&T in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	11	5	7	11	9	15	10	26	36	63
AECL	15	17	14	16	7	5	6	6	7	7
CED (Qué)	15	9	8	4	5	3	11	21	19	18
CIDA	142	143	124	127	139	147	148	143	138	159
CSA	185	142	143	223	214	102	134	114	106	107
ENV	29	32	26	34	31	29	36	35	41	41
F&O	19	5	5	7	1	1	3	5	4	4
IND	174	177	299	223	192	237	419	321	322	236
NDEF	88	85	118	117	120	118	150	131	180	189
NRC	76	82	82	99	89	89	82	76	87	87
NRCan	31	30	27	34	53	35	27	35	29	29
TC	13	9	9	8	7	8	8	8	8	8
WEDC	14	8	5	2	11	6	10	7	7	7
Other	34	23	25	19	18	21	27	37	23	27
Total	**846**	**767**	**892**	**924**	**896**	**816**	**1,071**	**965**	**1,007**	**982**

Table 37.

Federal government payments to the higher education sector for S&T in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
R&D	**713**	**680**	**644**	**762**	**913**	**1,063**	**1,265**	**1,495**	**1,713**	**1,845**
RSA:										
Scientific data collection	8	7	6	9	8	5	3	3	3	3
Information services	2	2	1	2	4	2	2	2	2	3
Special services and studies	2	1	1	1	3	0	1	1	4	2
Education support	49	48	49	63	74	69	70	81	87	97
Total	**773**	**737**	**702**	**836**	**1,002**	**1,139**	**1,341**	**1,583**	**1,808**	**1,950**

Table 38.

Federal government payments to the higher education sector for S&T in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AGR	3	1	1	1	1	1	1	1	3	1
CED (Qué)	5	8	3	5	0	0	1	0	3	2
CFI	..	..	0	27	115	183	231	324	373	409
CIDA	17	18	16	16	17	15	15	15	16	22
CIHR	...	...	...	...	289	350	482	564	622	648
CSA	7	5	7	7	7	9	10	11	10	10
ENV	15	8	10	10	10	10	10	9	10	10
HC	13	13	6	7	6	1	2	2	2	4
IND	4	1	0	0	0	0	...	...	...	...
MRC	233	221	217	250	...	...	...	...	...	...
NDEF	6	6	5	3	3	3	4	4	3	8
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	5	3	2	2	4	7	5	7	5	5
NSERC	421	413	392	447	491	504	518	568	683	736
Other	9	7	7	22	20	12	11	28	38	55
Total	**773**	**737**	**702**	**836**	**1,002**	**1,139**	**1,341**	**1,583**	**1,808**	**1,950**

Table 39.

Federal government expenditures on R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	34	21	7	29	27	27	14	51	67	118
AECL	163	240	174	135	132	136	178	147	180	162
AGR	328	350	340	334	370	354	329	267	236	249
CED (Qué)	24	28	22	23	12	10	17	25	27	24
CFI	...	...	2	31	118	188	239	332	383	419
CIDA	36	37	35	34	35	41	41	38	28	48
CIHR	...	...	...	...	304	384	522	622	690	712
CSA	291	245	224	337	300	298	317	309	293	297
ENV[1]	163	134	126	115	196	144	222	207	400	324
F&O	99	95	78	109	110	130	123	140	126	128
GC	...	...	...	...	...	...	32	61	79	83
HC	49	60	51	45	47	41	70	79	92	88
IDRC	30	27	21	18	21	28	21	17	18	20
IND	268	230	345	274	239	287	501	370	382	302
MRC	244	234	229	266	...	...	...	...	...	...
NDEF	227	215	259	259	290	270	277	256	309	334
NRC	419	429	470	499	530	591	645	718	729	728
NRCan[2]	403	372	351	345	376	388	335	285	274	278
NSERC	425	410	393	443	481	500	517	573	673	716
TC	19	15	15	16	14	15	20	23	22	25
WEDC	14	12	7	13	24	17	30	26	26	26
Other	16	27	25	25	27	30	30	35	38	36
Total	**3,252**	**3,181**	**3,174**	**3,350**	**3,653**	**3,879**	**4,480**	**4,581**	**5,072**	**5,117**

See footnotes at end of section.

Table 40.

Federal government current expenditures on R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
ACOA	34	21	7	29	27	27	14	51	67	118
AECL	156	240	173	133	131	136	164	145	178	161
AGR	307	315	307	302	344	320	289	234	205	218
CED (Qué)	24	28	22	23	12	10	17	25	27	24
CFI	...	...	2	31	118	188	239	332	383	419
CIDA	37	37	35	34	35	41	41	38	28	48
CIHR	...	...	...	...	304	383	520	620	688	710
CSA	286	244	223	336	298	265	314	307	291	296
ENV[1]	149	125	118	109	187	131	199	183	374	298
F&O	93	92	76	108	108	129	122	139	125	127
GC	...	...	...	...	...	...	32	61	79	83
HC	47	58	50	42	45	30	66	77	89	85
IDRC	30	27	21	18	21	28	21	17	18	20
IND	225	224	342	272	238	284	497	367	381	297
MRC	244	234	229	265	...	...	...	...	...	...
NDEF	215	202	243	247	255	260	265	236	290	315
NRC	393	390	417	453	486	533	561	627	657	653
NRCan[2]	377	343	318	315	353	357	320	268	259	262
NSERC	424	409	393	443	481	500	517	573	673	716
TC	19	15	15	16	14	14	19	18	19	22
WEDC	14	12	7	13	23	17	30	26	26	26
Other	16	25	23	25	29	29	29	32	37	35
Total	**3,090**	**3,041**	**3,021**	**3,214**	**3,509**	**3,682**	**4,276**	**4,376**	**4,894**	**4,933**

See footnotes at end of section.

Table 41.

Federal government expenditures on intramural R&D in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
In-house R&D	1,237	1,317	1,237	1,235	1,346	1,512	1,506	1,544	1,581	1,570
R&D contracts	27	35	37	35	37	28	24	25	26	27
Supporting contracts	87	84	75	78	81	96	83	90	78	72
Research fellowships	12	6	7	7	9	9	10	13	13	13
Administration of extramural programs	144	142	143	176	158	154	183	196	239	241
Capital expenditures	162	140	152	136	144	197	204	205	178	184
Total	**1,669**	**1,724**	**1,651**	**1,667**	**1,774**	**1,995**	**2,010**	**2,073**	**2,115**	**2,107**

Table 42.

Federal government expenditures on intramural R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	143	219	154	114	123	128	168	136	167	150
AGR	317	346	338	332	351	339	318	246	226	232
CSA	63	57	49	81	51	166	152	154	148	151
ENV	131	113	106	93	114	125	147	181	197	196
F&O	89	92	75	105	108	128	119	138	122	124
HC	32	40	38	38	42	40	65	70	83	75
IND	82	43	38	39	39	41	47	48	48	55
NDEF	125	129	137	140	171	153	137	158	154	156
NRC	294	300	340	349	389	442	496	570	591	594
NRCan[2]	342	320	309	303	307	334	243	233	224	228
TC	5	5	6	7	6	6	10	13	13	13
Other	46	60	61	66	73	93	108	126	142	133
Total	**1,669**	**1,724**	**1,651**	**1,667**	**1,774**	**1,995**	**2,010**	**2,073**	**2,115**	**2,107**

See footnotes at end of section.

Table 43.

Federal government payments to Canadian business enterprises for R&D in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	339	265	294	379	360	225	265	200	230	260
Grants and contributions	320	298	422	363	340	393	587	517	516	456
Research fellowships	3	7	4	5	12	4	5	5	6	6
Total	**662**	**570**	**720**	**747**	**711**	**622**	**857**	**722**	**752**	**722**

Table 44.

Federal government payments to Canadian business enterprises for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	11	5	7	11	8	15	10	26	36	63
AECL	15	17	14	16	7	5	6	6	7	7
AGR	3	2	0	0	0	0	0	...	...	...
CED (Qué)	15	9	8	4	5	3	11	21	19	18
CSA	185	142	143	223	214	100	132	111	104	105
ENV	13	10	8	10	8	8	11	14	15	15
IND	173	177	299	223	191	237	419	321	322	236
NDEF	88	73	105	107	110	108	120	70	103	131
NRC	76	82	82	99	89	89	82	76	87	87
NRCan	27	23	20	27	47	28	26	34	28	28
TC	12	8	7	7	7	7	8	7	7	8
WEDC	12	6	4	2	11	6	10	7	7	7
Other	32	16	23	18	14	16	22	29	17	17
Total	**662**	**570**	**720**	**747**	**711**	**622**	**857**	**722**	**752**	**722**

Table 45.

Federal government contracts to Canadian business enterprises for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	15	17	14	16	7	5	6	6	7	7
CSA	185	142	143	222	213	88	106	90	84	85
ENV	12	9	8	10	8	8	11	14	15	15
F&O	8	1	1	1	0	0	2	0	2	2
NDEF	88	73	105	107	110	108	120	70	103	131
NRCan	12	10	11	12	10	6	5	2	2	2
TC	11	8	7	7	7	7	8	7	7	8
Other	8	5	5	4	5	3	7	11	10	10
Total	**339**	**265**	**294**	**379**	**360**	**225**	**265**	**200**	**230**	**260**

Table 46.

Federal government grants and research fellowships to Canadian business enterprises for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	11	5	7	11	8	15	10	26	36	63
CED (Qué)	15	9	8	4	5	3	11	21	19	18
CSA	0	0	0	1	1	12	26	21	20	20
IND	173	177	299	223	191	237	419	321	322	236
NRC	76	81	82	99	88	89	82	76	87	86
NRCan	16	13	10	15	37	22	21	32	26	26
NSERC	17	11	14	10	10	12	12	18	5	5
WEDC	12	6	4	2	11	6	10	7	7	7
Other	3	3	2	3	1	1	1	0	0	1
Total	**323**	**305**	**426**	**368**	**352**	**397**	**592**	**522**	**522**	**462**

Table 47.

Federal government payments to the higher education sector for R&D in the natural sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[p]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	21	16	16	15	13	14	18	22	21	28
Grants and contributions	659	641	608	725	873	1,022	1,206	1,417	1,633	1,751
Research fellowships	33	23	21	22	28	27	41	56	59	66
Total	**713**	**680**	**644**	**762**	**913**	**1,063**	**1,265**	**1,495**	**1,713**	**1,845**

Table 48.

Federal government payments to the higher education sector for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
ACOA	...	...	...	6	6	4	1	10	19	33
AGR	3	1	1	1	1	1	1	1	1	1
CFI	...	...	...	27	114	183	231	324	373	409
CIDA	11	11	10	10	10	9	9	9	9	14
CIHR	...	...	...	...	279	343	477	559	617	642
ENV	14	7	10	9	9	8	8	7	8	8
HC	8	8	3	1	1	0	0	1	1	3
IND	4	1	0	0	0	0	...	...	...	...
MRC	226	215	210	241	...	...	...	...	...	...
NDEF	6	6	5	3	3	3	4	4	3	8
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	5	3	2	2	3	7	4	3	3	3
NSERC	383	377	355	398	431	447	459	501	609	654
Other	18	18	12	25	17	14	20	26	30	30
Total	**713**	**680**	**644**	**762**	**913**	**1,063**	**1,265**	**1,495**	**1,713**	**1,845**

Table 49.

Federal government contracts to the higher education sector for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	2	1	1	1	0	0	0	0	0	0
CSA	6	5	7	7	6	8	9	11	10	10
ENV	1	1	1	2	2	2	2	3	3	3
NDEF	6	5	5	3	2	3	3	4	3	8
NRCan	2	1	1	1	1	0	0	1	1	1
TC	1	1	0	0	0	0	2	2	2	2
Other	3	2	1	1	2	1	2	1	2	4
Total	**21**	**16**	**16**	**15**	**13**	**14**	**18**	**22**	**21**	**28**

Table 50.

Federal government grants and research fellowships to the higher education sector for R&D in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
ACOA	...	...	...	6	6	4	1	10	19	33
AGR	3	0	1	1	1	1	1	1	1	1
CFI	...	...	...	27	114	183	231	324	373	409
CIDA	11	11	10	10	10	9	9	9	9	14
CIHR	...	...	...	...	279	343	477	559	617	642
ENV	13	6	8	7	7	6	6	4	5	5
HC	7	8	3	1	1	0	0	1	1	1
IDRC	1	2	1	1	1	1	1	1	1	1
IND	4	1	0	0	0	....	...	...	...	...
MRC	226	215	210	241	...	....	...	...	...	...
NRC	35	33	36	39	39	44	51	50	40	40
NRCan	3	2	1	1	2	6	3	3	3	3
NSERC	383	377	355	398	431	447	459	501	609	654
Other	6	9	4	15	10	5	8	10	14	14
Total	**692**	**664**	**629**	**747**	**901**	**1,049**	**1,247**	**1,473**	**1,692**	**1,817**

Table 51.

Federal government expenditures on RSA in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AECL	6	0	0	0	0	0	...	...	...	...
AGR	21	9	10	9	10	2	2	47	80	79
CFIA	...	15	17	19	22	24	26	35	30	29
CIDA	181	185	160	165	182	190	199	187	184	205
CIHR	...	...	...	...	12	8	7	7	7	7
CMN	25	33	24	21	21	23	26	28	41	60
ENV	362	317	323	308	338	331	399	362	394	392
F&O	139	142	116	162	170	228	184	210	189	191
HC	121	127	133	144	173	153	195	204	228	240
IDRC	0	0	0	2	2	1	2	4	4	4
IND	42	47	47	52	45	30	40	34	42	48
MRC	8	8	9	11	...	...	...	...	...	...
NDEF	3	25	35	29	29	29	34	96	124	123
NRC	62	50	55	55	66	64	74	75	75	75
NRCan[2]	72	58	45	41	45	49	219	226	219	222
NSERC	46	43	43	56	68	68	71	80	89	97
Other	37	32	31	26	30	45	48	49	51	54
Total	**1,125**	**1,091**	**1,048**	**1,100**	**1,213**	**1,245**	**1,526**	**1,644**	**1,757**	**1,826**

See footnotes at end of section.

Table 52.

Federal government expenditures on intramural RSA in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AECL	5	0	0	0	0	0	...	...	...	...
AGR	20	9	10	9	8	1	1	47	76	76
CFIA	...	15	17	19	22	24	26	35	30	29
CMN	24	31	23	21	21	23	25	27	41	60
ENV	329	282	295	272	301	298	354	322	351	349
F&O	128	137	111	157	161	190	177	197	178	179
HC	111	118	127	135	165	150	191	199	222	231
IDRC	0	0	0	1	2	1	2	2	2	2
IND	41	47	47	52	45	30	40	34	42	48
NRC	62	50	55	55	66	64	74	75	75	75
NRCan[2]	60	50	38	31	37	40	212	216	211	215
Other	36	44	43	40	46	56	54	81	93	100
Total	**816**	**783**	**766**	**792**	**674**	**877**	**1,156**	**1,235**	**1,321**	**1,364**

See footnotes at end of section.

Table 53.

Federal government payments to Canadian business enterprises for RSA in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	141	143	124	126	139	147	148	143	138	158
ENV	16	22	17	24	22	21	25	21	26	26
F&O	10	4	4	4	1	1	1	5	3	3
HC	1	1	0	0	1	1	1	3	3	4
NDEF	0	12	13	10	10	10	30	61	77	58
NRCan	4	6	7	7	6	7	1	1	1	1
TC	1	1	1	1	1	1	1	1	0	0
Other	11	8	6	5	5	5	7	8	8	11
Total	**184**	**197**	**172**	**177**	**185**	**193**	**214**	**243**	**258**	**261**

Table 54.

Federal government payments to the higher education sector for RSA in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	6	7	6	6	7	6	6	6	6	8
CIHR	...	...	...	...	10	7	6	5	6	6
HC	5	5	3	6	5	1	1	1	1	1
IAND	3	2	1	0	1	1	1	1	1	1
MRC	7	6	7	9	...	...	...	...	...	...
NSERC	38	36	37	48	60	57	59	67	74	82
Other	1	2	4	5	6	4	3	8	8	6
Total	**60**	**58**	**58**	**74**	**89**	**76**	**76**	**88**	**98**	**104**

Footnotes:

1. *Environment Canada resources include large one-time grants and contributions to initiatives outside of the department which did not result in increases in departmental expenditures ($60M for Climate and Atmospheric Sciences in 1999/2000, $50M for the Sustainable Development Technology Fund in 2001/02, $50M for the Canadian Foundation for Climate and Atmospheric Sciences and $125M for the Sustainable Development Technology Fund in 2003/04 and $100M forecasted for the Sustainable Development Technology Fund in 2004/05).*
2. *New program structures combined with stricter interpretation of the definitions of R&D and RSA, have led to a significant change in NRCan's reporting of resources as compared to previous years (effective as of 2001-2002).*

Social sciences

Table 55.

Federal government expenditures on S&T in the social sciences, by activity, 1995-96 to 2004-05[P]

Activity	1995-96	1996-97[r]	1997-98[r]	1998-99[r]	1999-00[r]	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[P]	2004-05[P]
	in millions of dollars									
R&D:										
Current expenditures	195	188	184	203	209	241	478	311	578	642
Administration of extramural programs	18	22	20	24	28	29	30	32	36	37
Capital expenditures	1	0	1	1	1	1	1	3	3	2
Sub-total R&D	*213*	*210*	*205*	*228*	*237*	*271*	*509*	*346*	**617**	**681**
RSA:										
General purpose data collection	348	467	399	427	436	539	717	614	667	662
Information services	359	352	322	323	332	374	419	402	408	418
Special services and studies	231	226	226	230	245	246	256	289	281	257
Education support	74	74	79	79	77	75	195	70	82	112
Administration of extramural programs	15	15	14	17	19	22	23	25	25	27
Capital expenditures	76	77	43	48	40	56	44	43	79	83
Sub-total RSA	*1,103*	*1,211*	*1,082*	*1,124*	*1,149*	*1,312*	*1,654*	*1,443*	*1,542*	*1,559*
Total	**1,316**	**1,421**	**1,287**	**1,352**	**1,386**	**1,582**	**2,164**	**1,789**	**2,159**	**2,240**

Table 56.

Federal government expenditures on S&T in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
AGR	10	9	9	7	7	7	6	6	8	8
BC	35	39	41	45	41	42	48	67	71	78
CH	75	75	70	1	1	1	11	11	15	15
CIDA	116	117	109	114	119	127	147	127	129	150
CMC	53	56	55	54	55	58	64	83	124	143
CMHC	15	13	14	17	22	24	17	20	23	25
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	4	4	3	4	4	4	5	5	5	5
FA&IT	58	59	58	49	54	45	48	...	...	...
FAC	...	...	...	...	...	...	...	48	47	46
FIN	20	19	20	22	26	25	28	29	27	27
HC	31	27	25	15	17	35	46	59	62	56
HRDC	60	60	65	74	60	69	64	66	61	...
HRSD	...	...	...	...	...	...	...	...	...	31
IDRC	58	61	57	65	59	55	54	66	70	79
IND	15	14	15	17	17	19	146	21	21	22
NA	65	46	36	35	35	41	59	56	56	50
NGC	37	33	46	49	42	44	45	51	49	50
NL	49	43	42	40	42	48	54	60	59	53
PCA	...	...	...	74	54	71	74	78	80	80
PCO	2	0	0	0	5	5	6	14	5	4
SD	...	...	...	...	...	...	...	...	...	30
SSHRC[1]	101	93	96	104	127	145	362	188	463	541
STCAN	406	535[2]	400	437	461	576	727[2]	579	616	615
TB	35	32	35	37	44	47	57	47	45	24
Other	47	61	67	69	70	68	67	78	79	75
Total	**1,316**	**1,421**	**1,287**	**1,352**	**1,386**	**1,582**	**2,164**	**1,789**	**2,159**	**2,240**

See footnotes at end of section.

Table 57.

Federal government intramural expenditures on S&T in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97[r]	1997-98[r]	1998-99[r]	1999-00[r]	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
R&D:										
Current expenditures	40	45	48	51	57	55	61	82	84	87
Administration of extramural programs	18	22	20	24	28	29	30	32	36	37
Capital expenditures	1	1	1	1	1	1	1	3	3	3
Sub-total R&D	*58*	*68*	*69*	*76*	*85*	*85*	*92*	*117*	*123*	*127*
RSA:										
General purpose data collection	328	449	381	417	424	526	705	591	644	637
Information services	317	316	284	284	293	332	357	363	367	373
Special services and studies	143	140	139	145	147	150	168	182	179	156
Education support	4	4	5	8	2	0	0	1	1	1
Administration of extramural programs	15	15	14	17	19	22	23	25	25	27
Capital expenditures	76	77	43	48	40	56	44	43	79	83
Sub-total RSA	*883*	*1,000*	*866*	*920*	*925*	*1,086*	*1,297*	*1,205*	*1,295*	*1,277*
Total	**941**	**1,068**	**934**	**996**	**1,010**	**1,171**	**1,389**	**1,322**	**1,419**	**1,404**

See footnotes at end of section.

Table 58.

Federal government intramural expenditures on S&T in the social sciences, by department or agency,1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[e]	2004-05[e]
	in millions of dollars									
BC	35	39	41	45	41	42	48	67	71	78
CH	70	72	65	...	...	...	...	...	...	...
CMC	53	56	55	54	55	58	64	83	124	143
CMHC	10	9	10	13	17	20	13	15	18	21
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	4	4	3	4	4	4	5	5	5	5
FA&IT	11	11	11	10	11	10	11	...	...	...
FAC	...	...	...	...	...	...	...	7	6	6
FIN	20	19	20	22	26	25	28	29	27	27
HC	6	5	4	2	2	4	13	28	26	26
HRDC	29	32	28	23	25	29	38	36	36	...
HRSD	...	...	...	...	...	...	...	...	...	18
IDRC	21	30	32	39	37	30	28	30	32	36
IND	14	14	15	17	17	19	20	21	21	22
NA	63	44	34	33	33	38	55	53	53	48
NGC	37	33	46	49	42	44	45	51	49	50
NL	48	43	42	39	42	48	53	60	59	53
PCA	...	...	...	74	53	70	74	78	80	80
SD	...	...	...	...	...	...	...	...	...	18
STCAN	406	534[2]	400	437	461	575	726[2]	579	616	614
TB	35	32	34	37	44	47	57	47	45	24
Other	55	66	70	75	76	82	82	103	107	102
Total	**941**	**1,068**	**934**	**996**	**1,010**	**1,171**	**1,389**	**1,322**	**1,419**	**1,404**

See footnotes at end of section.

Table 59.

Federal government payments to Canadian business enterprises for S&T in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
R&D	**3**	**3**	**2**	**3**	**2**	**2**	**5**	**4**	**5**	**4**
RSA:										
General purpose data collection	9	8	8	3	3	3	3	4	4	5
Information services	4	1	3	3	4	5	10	1	1	1
Special services and studies	23	22	21	19	21	21	19	23	23	27
Education support	1	1	1	1	1	1	1	1	1	1
Total	**40**	**34**	**35**	**29**	**30**	**32**	**38**	**33**	**34**	**39**

Table 60.

Federal government payments to Canadian business enterprises for S&T in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AGR	2	1	1	0	0	0	0	0	0	0
CBC	5	5	5	...	...	...	...	...	...	...
CIDA	19	19	17	17	18	18	18	18	18	23
CMHC	2	2	2	2	3	2	2	2	2	2
FA&IT	1	1	0	0	0	0	0	0	0	0
HC	3	2	2	1	1	3	7	3	4	3
HRDC	5	3	3	3	4	4	6	4	5	...
HRSD	...	...	...	...	...	...	...	...	...	2
JUS	1	1	1	0	0	0	0	0	0	0
SD	...	...	...	...	...	...	...	...	...	2
Other	2	0	4	6	4	5	5	6	5	7
Total	**40**	**34**	**35**	**29**	**30**	**32**	**38**	**33**	**34**	**39**

Table 61.

Federal government payments to the higher education sector for S&T in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
R&D	**85**	**81**	**80**	**80**	**97**	**107**	**330**	**149**	**404**	**465**
RSA:										
General purpose data collection	4	3	4	2	2	3	2	2	1	1
Information services	8	9	8	9	9	8	8	8	11	17
Special services and studies	2	3	2	2	2	2	2	2	2	2
Education support	61	61	64	61	62	61	56	59	71	100
Total	**159**	**157**	**158**	**153**	**171**	**181**	**398**	**220**	**489**	**585**

Table 62.

Federal government payments to the higher education sector for S&T in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	45	45	42	41	42	39	40	39	40	60
FA&IT	14	14	18	14	16	13	12	...	...	...
FAC	...	...	...	...	...	...	...	12	12	12
HC	12	13	12	7	8	7	2	7	5	4
HRDC	2	3	4	4	3	3	2	1	1	...
HRSD	...	...	...	...	...	...	...	...	...	1
IDRC	1	2	1	2	2	2	3	4	4	5
SSHRC[1]	81	75	77	82	98	114	329	151	423	499
Other	4	5	4	3	2	3	10	6	4	4
Total	**159**	**157**	**158**	**153**	**171**	**181**	**398**	**220**	**489**	**585**

See footnotes at end of section.

Table 63.

Federal government expenditures on R&D in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
BC	8	10	11	11	12	12	13	25	28	32
CIDA	15	15	14	15	15	16	15	15	16	20
CMHC	4	4	4	5	5	6	4	5	6	7
HC	14	14	14	9	9	23	31	26	32	25
HRDC	22	18	17	31	15	20	20	18	15	...
HRSD	...	...	...	...	...	...	...	...	...	9
IDRC	49	49	43	50	50	48	44	50	53	60
SD	...	...	...	...	...	...	...	...	...	8
SGEN	5	4	4	4	4	4	4	5	5	5
SSHRC[1]	70	64	65	68	92	105	325	148	408	464
STCAN	10	9	11	12	13	13	16	19	17	17
Other	16	23	22	23	22	24	37	35	37	34
Total	**213**	**210**	**205**	**228**	**237**	**271**	**509**	**346**	**617**	**681**

See footnotes at end of section.

Table 64.

Federal government expenditures on intramural R&D in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					in millions of dollars					
In-house R&D	38	44	46	49	55	52	58	72	75	79
R&D contracts	1	1	1	1	1	2	2	5	5	5
Supporting contracts	1	1	1	1	1	1	1	2	1	1
Research fellowships	0	0	0	0	0	0	0	3	3	2
Administration of extramural programs	18	22	20	24	28	29	30	32	36	37
Capital expenditures	1	0	1	1	1	1	1	3	3	3
Total	**58**	**68**	**69**	**76**	**85**	**85**	**92**	**117**	**123**	**127**

Table 65.

Federal government expenditures on intramural R&D in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
BC	8	10	11	11	13	12	13	25	28	32
CMC	5	5	5	5	5	5	5	6	5	5
CMHC	2	2	2	3	4	4	3	3	5	5
HC	1	1	2	1	1	2	7	11	11	9
IDRC	13	19	19	23	28	23	22	20	22	24
NDEF	2	6	3	2	2	2	2	3	4	2
NGC	7	7	9	10	8	9	9	10	10	10
SGEN	3	2	2	2	2	2	2	3	3	3
SSHRC	5	5	5	6	7	9	10	12	15	14
STCAN	10	9	11	12	13	13	16	19	17	17
Other	2	2	0	1	2	4	3	5	3	6
Total	**58**	**68**	**69**	**76**	**85**	**85**	**92**	**117**	**123**	**127**

Table 66.

Federal government payments to Canadian business enterprises for R&D in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	2	1	1	2	2	1	5	3	4	3
Grants and contributions	1	2	0	0	0	1	0	1	1	1
Research fellowships	0	0	0	0	0	0	0	0	0	0
Total	**3**	**3**	**2**	**3**	**2**	**2**	**5**	**4**	**5**	**4**

Table 67.

Federal government payments to Canadian business enterprises for R&D in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CMHC	1	1	1	1	1	1	1	1	1	1
HC	0	0	0	1	1	0	2	1	1	1
HRDC	1	1	0	0	0	0	0	0	0	...
Other	1	1	1	1	0	1	2	2	3	2
Total	**3**	**3**	**2**	**3**	**2**	**2**	**5**	**4**	**5**	**4**

Table 68.

Federal government payments to the higher education sector for R&D in the social sciences, by activity, 1995-96 to 2004-05[p]

Activity	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
Contracts	9	10	9	8	8	8	9	10	9	13
Grants and contributions	65	62	63	64	85	96	320	138	394	451
Research fellowships	10	10	8	8	3	3	1	1	1	1
Total	**85**	**81**	**80**	**80**	**97**	**107**	**330**	**149**	**404**	**465**

Table 69.

Federal government payments to the higher education sector for R&D in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	9	9	9	8	9	8	8	8	8	13
HC	8	9	9	5	5	4	1	6	4	3
HRDC	2	2	3	3	2	2	1	1	0	...
HRSD	...	...	...	...	...	...	...	...	...	1
IDRC	1	2	1	2	2	2	2	3	4	4
SSHRC[1]	63	57	57	59	77	88	307	128	385	441
Other	2	2	1	3	2	3	11	3	3	3
Total	**85**	**81**	**80**	**80**	**97**	**107**	**330**	**149**	**404**	**465**

See footnotes at end of section.

Table 70.

Federal government expenditures on RSA in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
BC	27	29	30	34	29	30	35	42	43	46
CH	74	74	69	1	1	1	1	6	6	6
CIDA	101	102	95	99	104	111	132	112	113	130
CMC	49	51	50	50	50	53	59	77	118	137
CMHC	11	10	10	12	16	18	13	15	16	18
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	4	4	3	4	4	4	5	4	5	5
FA&IT	58	59	58	49	54	45	48	...	...	...
FAC	...	...	...	...	...	...	...	48	47	46
FIN	20	19	20	22	26	25	28	29	27	27
HC	16	12	11	6	8	11	15	32	30	31
HRDC	38	43	48	43	46	48	45	48	46	...
HRSD	...	...	...	...	...	...	...	...	...	23
IDRC	9	12	14	16	9	7	10	16	17	19
IND	15	14	15	17	17	18	144	19	20	20
NA	65	46	36	35	35	41	59	56	56	50
NGC	30	26	37	39	34	35	36	41	39	40
NL	49	43	42	40	42	48	54	60	59	53
PCA	...	...	...	74	54	71	74	78	80	80
SD	...	...	...	...	...	...	...	...	...	23
SSHRC	31	29	31	36	35	40	37	40	55	77
STCAN	397	526[2]	389	426	448	563	711[3]	560	599	598
TB	35	32	34	37	44	47	57	47	45	24
Other	50	55	66	61	69	70	62	83	77	73
Total	**1,103**	**1,211**	**1,082**	**1,124**	**1,149**	**1,312**	**1,654**	**1,443**	**1,542**	**1,559**

See footnotes at end of section.

Table 71.

Federal government expenditures on intramural RSA in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
AGR	6	7	6	6	7	7	6	5	7	7
BC	27	29	30	34	29	30	35	42	43	46
CH	70	72	65	...	...	...	...	...	...	...
CMC	49	51	50	50	50	53	59	77	118	137
CMHC	8	7	8	10	13	15	10	12	14	16
CSTM	24	25	24	23	24	26	29	30	44	33
ENV	4	4	3	4	4	4	5	4	5	5
FA&IT	11	11	11	10	11	10	11	...	...	...
FAC	...	...	...	...	...	...	...	7	6	6
FIN	20	19	20	22	26	25	28	29	27	27
HC	5	4	2	1	1	2	6	18	16	17
HRDC	29	32	28	23	24	29	37	36	35	...
HRSD	...	...	...	...	...	...	...	...	...	18
IDRC	8	11	13	15	8	6	7	10	11	12
IND	14	14	15	17	17	18	18	19	20	20
NA	63	44	34	33	34	38	55	53	53	48
NGC	30	26	37	39	34	35	36	41	39	40
NL	48	43	42	40	42	48	53	60	59	53
PCA	...	...	...	74	53	70	74	78	80	80
SD	...	...	...	...	...	...	...	...	...	18
STCAN	396	525[2]	389	425	447	562	711[r]	560	598	597
TB	35	32	34	37	44	47	57	47	45	24
Other	36	44	55	57	57	61	60	77	75	73
Total	**883**	**1,000**	**866**	**920**	**925**	**1,086**	**1,297**	**1,205**	**1,295**	**1,277**

See footnotes at end of section.

Table 72.

Federal government payments to Canadian business enterprises for RSA in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CBC	5	5	5	...	...	...	...	...	...	...
CIDA	19	19	17	17	18	18	18	18	18	23
CMHC	1	1	1	1	2	2	2	1	2	2
HC	2	1	1	0	0	2	4	2	3	2
HRDC	4	2	3	3	4	4	6	4	5	...
HRSD	...	...	...	...	...	...	...	...	...	2
JUS	1	1	1	0	0	0	0	0	0	0
SD	...	...	...	...	...	...	...	...	...	2
Other	5	2	5	5	4	4	3	4	1	3
Total	**37**	**31**	**33**	**26**	**28**	**30**	**33**	**29**	**29**	**34**

Table 73.

Federal government payments to the higher education sector for RSA in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	in millions of dollars									
CIDA	36	36	33	33	34	31	31	31	32	47
FA&IT	14	14	18	14	16	13	12	...	...	...
FAC	...	...	...	...	...	...	...	12	12	12
HC	4	4	3	2	3	3	1	1	1	0
SSHRC	19	18	20	23	21	26	22	24	38	58
Other	2	4	3	1	1	1	2	3	2	4
Total	**75**	**76**	**77**	**73**	**75**	**74**	**68**	**71**	**85**	**121**

Footnotes:

1. Includes $200 million in 2001-02, $225 million in 2003-04 and $245 million in 2004-05 for indirect costs of university research funded by the Social Sciences and Humanities Research Council.
2. Census year.

Federal government personnel

Table 74.

Federal government personnel engaged in scientific activities, 1995-96 to 2004-05[p]

Year	Natural sciences	Social sciences	Total
		person-years[1]	
All scientific activities[2]:			
1995-96	22,355	9,650	**32,005**
1996-97	21,006	9,588	**30,594**
1997-98	20,313	9,475	**29,787**
1998-99	19,891	9,594	**29,485**
1999-00	20,773	9,938	**30,711**
2000-01	21,349	10,790	**32,139**
2001-02[r]	22,241	11,794	**34,035**
2002-03[r]	23,465	11,660	**35,125**
2003-04[p]	23,572	10,944	**34,516**
2004-05[p]	24,168	10,792	**34,960**
R&D[2]:			
1995-96	14,971	584	**15,555**
1996-97	14,260	576	**14,836**
1997-98	13,427	526	**13,952**
1998-99	13,217	512	**13,729**
1999-00	13,497	583	**14,080**
2000-01[r]	14,120	582	**14,702**
2001-02[r]	13,040	699	**13,739**
2002-03[r]	13,226	740	**13,966**
2003-04[p]	13,177	704	**13,881**
2004-05[p]	13,553	743	**14,296**

1. Totals may not add due to rounding.
2. Including administration of extramural programs personnel.

Table 75.

Federal government scientists and professionals[2] (S&P) engaged in scientific activities, 1995-96 to 2004-05[p]

Year	Natural sciences			Social sciences			Total
			person-years[1]				
All scientific activities:							
	S&P	**AEP**	**Total**	**S&P**	**AEP**	**Total**	**Total**
1995-96	8,611	428	9,039	2,811	131	2,942	**11,981**
1996-97	8,574	363	8,937	2,708	125	2,833	**11,770**
1997-98	8,302	353	8,655	2,772	117	2,889	**11,544**
1998-99	8,344	338	8,681	2,926	124	3,050	**11,732**
1999-00	8,652	353	9,005	3,000	137	3,137	**12,142**
2000-01	8,836	322	9,158	3,220	161	3,382	**12,540**
2001-02[r]	9,238	356	9,594	3,347	157	3,504	**13,098**
2002-03[r]	10,152	490	10,642	3,679	160	3,839	**14,481**
2003-04[p]	10,243	563	10,806	3,646	149	3,795	**14,601**
2004-05[p]	10,487	599	11,086	3,645	154	3,799	**14,885**
R&D:							
1995-96	5,668	319	5,987	173	69	242	**6,229**
1996-97	5,763	269	6,032	216	64	279	**6,312**
1997-98	5,338	271	5,609	180	60	240	**5,848**
1998-99	5,356	260	5,617	174	62	236	**5,852**
1999-00	5,474	275	5,749	202	67	269	**6,018**
2000-01[r]	5,588	250	5,838	208	79	287	**6,125**
2001-02[r]	4,969	281	5,250	273	83	356	**5,606**
2002-03[r]	5,390	413	5,803	303	84	387	**6,190**
2003-04[p]	5,349	489	5,838	281	90	371	**6,209**
2004-05[p]	5,397	523	5,920	291	93	384	**6,304**

1. Totals may not add due to rounding.
2. Personnel in the scientific and professional and executive categories.

Table 76.

Federal government personnel engaged in scientific activities by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					person-years					
Executive	653	...	...	...	...	...	...	...	...	...
Scientific and professional[1]	11,327	11,770	11,544	11,732	12,142	12,540	13,098	14,481	14,601	14,885
Administrative and foreign service	4,590	...	...	...	...	...	...	...	...	...
Technical	7,846	7,773	7,653	7,426	7,775	7,854	8,635	8,905	8,612	8,679
Administrative support[1]	4,786	11,051	10,590	10,327	10,794	11,745	12,302	11,739	11,303	11,396
Operational	2,726	...	...	...	...	...	...	...	...	...
Military	76	...	...	...	...	...	...	...	...	...
Total	**32,005**	**30,594**	**29,787**	**29,485**	**30,711**	**32,139**	**34,035**	**35,125**	**34,516**	**34,960**

1. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical; and, Administrative Support (which includes Administrative and Foreign Service, Operational and Military).

Table 77.

Federal government personnel engaged in R&D activities, by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					person-years[1]					
Executive	229	...	...	...	...	...	...	...	...	...
Scientific and professional[2]	5,999	6,312	5,848	5,852	6,018	6,125	5,606	6,190	6,209	6,305
Administrative and foreign service	1,560	...	...	...	...	...	...	...	...	...
Technical	4,296	4,098	3,906	3,824	3,870	3,815	3,782	3,773	3,647	3,738
Administrative support[2]	1,727	4,426	4,198	4,053	4,192	4,762	4,351	4,003	4,025	4,253
Operational	1,677	...	...	...	...	...	...	...	...	...
Military	67	...	...	...	...	...	...	...	...	...
Total	**15,555**	**14,836**	**13,952**	**13,729**	**14,080**	**14,702**	**13,739**	**13,966**	**13,881**	**14,296**

1. Including employees engaged in the administration of extramural research and development.
2. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical; and, Administrative Support (which includes Administrative and Foreign Service, Operational and Military).

Table 78.

Federal government personnel engaged in scientific activities in the natural sciences, by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
					person-years					
Executive	329	...	...	...	...	...	...	...	...	...
Scientific and professional[1]	8,709	8,937	8,655	8,681	9,005	9,158	9,594	10,641	10,806	11,086
Administrative and foreign service	2,231	...	...	...	...	...	...	...	...	...
Technical	6,131	6,020	5,816	5,553	5,833	5,742	6,343	6,582	6,427	6,493
Administrative support[1]	2,591	6,049	5,842	5,657	5,935	6,449	6,304	6,241	6,339	6,589
Operational	2,308	...	...	...	...	...	...	...	...	...
Military	54	...	...	...	...	...	...	...	...	...
Total	**22,355**	**21,006**	**20,313**	**19,891**	**20,773**	**21,349**	**22,241**	**23,464**	**23,572**	**24,168**

1. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical; and, Administrative Support (which includes Administrative and Foreign Service, Operational and Military).

Table 79.

Federal government personnel engaged in scientific activities in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years									
AECL	2,560	1,700	1,460	1,195	1,170	886	950	1,164	1,002	1,000
AGR	3,291	2,910	2,519	2,499	2,477	2,800	2,664	2,221	2,213	2,214
CSA	370	392	344	324	377	419	461	521	571	614
ENV	3,389	2,940	2,887	2,819	2,976	2,965	2,985	3,128	3,233	3,342
F&O	2,231	2,191	1,993	1,928	2,130	2,267	2,234	2,226	2,087	2,087
HC	1,271	1,547	1,834	1,782	1,894	1,809	2,283	2,242	2,388	2,592
IND	753	755	778	839	813	876	747	861	940	1,000
NDEF	1,195	1,292	1,310	1,409	1,402	1,459	1,397	1,786	1,890	1,887
NRC	3,099	3,097	3,202	3,266	3,310	3,426	3,612	3,890	3,838	3,919
NRCAN	3,265	3,052	2,848	2,698	2,807	2,870	3,161	3,532	3,448	3,486
Other	931	1,130	1,138	1,132	1,417	1,572	1,747	1,894	1,962	2,027
Total	**22,355**	**21,006**	**20,313**	**19,891**	**20,773**	**21,349**	**22,241**	**23,465**	**23,572**	**24,168**

Table 80.

Federal government personnel engaged in R&D activities in the natural sciences, by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years[1]									
Executive	204	...	...	...	...	...	...	...	...	...
Scientific and professional[2]	5,783	6,032	5,609	5,617	5,749	5,838	5,251	5,804	5,838	5,920
Administrative and foreign service	1,461	...	...	...	...	...	...	...	...	...
Technical	4,231	4,039	3,837	3,761	3,795	3,750	3,701	3,704	3,583	3,671
Administrative support[2]	1,570	4,188	3,981	3,839	3,953	4,532	4,088	3,718	3,756	3,962
Operational	1,668	...	...	...	...	...	...	...	...	...
Military	54	...	...	...	...	...	...	...	...	...
Total	**14,971**	**14,260**	**13,427**	**13,217**	**13,497**	**14,120**	**13,040**	**13,226**	**13,177**	**13,553**

1. Including employees engaged in the administration of extramural research and development

2. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical; and, Administrative support (which includes Administrative and Foreign Service, Operational and Military).

Table 81.

Federal government personnel engaged in R&D activities in the natural sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years[1]									
AECL	2,015	1,700	1,460	1,195	1,170	866	950	1,164	1,002	1,000
AGR	3,011	2,820	2,427	2,426	2,410	2,800	2,664	1,810	1,795	1,815
ENV	972	827	767	732	826	835	839	880	909	940
F&O	902	876	797	771	852	901	894	890	834	834
NDEF	1,144	1,136	1,149	1,282	1,275	1,332	1,267	1,443	1,432	1,431
NRC	2,692	2,651	2,729	2,777	2,808	2,934	2,507	2,723	2,795	2,808
NRCAN	2,646	2,536	2,371	2,284	2,306	2,435	1,689	1,845	1,889	1,927
Other	1,589	1,714	1,727	1,750	1,850	2,017	2,230	2,471	2,521	2,798
Total	**14,971**	**14,260**	**13,427**	**13,217**	**13,497**	**14,120**	**13,040**	**13,226**	**13,177**	**13,553**

1. Including employees engaged in the administration of extramural research and development.

Table 82.

Federal government personnel engaged in scientific activities in the social sciences, by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years									
Executive	324	...	...	...	...	...	...	...	...	...
Scientific and professional[1]	2,618	2,833	2,889	3,051	3,137	3,382	3,504	3,839	3,795	3,799
Administrative and foreign service	2,359	...	...	...	...	...	...	...	...	...
Technical	1,715	1,752	1,837	1,873	1,942	2,112	2,292	2,323	2,185	2,186
Administrative support[1]	2,195	5,003	4,748	4,670	4,859	5,296	5,998	5,498	4,964	4,807
Operational	417	...	...	...	...	...	...	...	...	...
Military	22	...	...	...	...	...	...	...	...	...
Total	**9,650**	**9,588**	**9,475**	**9,594**	**9,938**	**10,790**	**11,794**	**11,660**	**10,944**	**10,792**

1. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical, and, Administrative Support (which includes Administrative and Foreign Service, Operational and Military).

Table 83.

Federal government personnel engaged in scientific activities in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years									
BC	161	156	142	134	206	219	238	261	277	303
CH	558	502	477	...	...	...	...	54	55	45
CMC	510	485	484	463	437	421	421	425	425	427
ENV	28	27	14	25	25	27	28	29	30	32
FIN	231	220	239	236	267	289	270	283	288	301
HC	63	74	38	24	17	33	188	265	242	271
HRDC	338	273	268	337	428	450	476	513	484	...
HRSD	...	...	...	...	...	...	...	...	...	244
IDRC	147	119	119	126	132	98	102	117	122	130
IND	127	146	153	162	174	196	203	200	201	205
NA	379	343	338	362	380	364	601	405	422	422
NGC	239	239	242	248	250	225	254	250	267	267
NL	475	449	427	416	431	424	465	467	482	482
PCA	...	...	...	450	418	521	543	663	663	663
SD	...	...	...	...	...	...	...	...	...	244
STCAN	4,894	5,004	4,959	5,042	5,096	5,811	6,320	5,964	5,194	5,118
TB	371	349	335	305	375	411	464	355	387	239
Other	1,129	1,202	1,240	1,264	1,302	1,301	1,221	1,409	1,405	1,399
Total	**9,650**	**9,588**	**9,475**	**9,594**	**9,938**	**10,790**	**11,794**	**11,660**	**10,944**	**10,792**

Table 84.

Federal government personnel engaged in R&D activities in the social sciences, by category, 1995-96 to 2004-05[p]

Category	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years[1]									
Executive	25	...	...	...	...	...	...	...	...	...
Scientific and professional[2]	217	279	240	236	269	287	356	387	371	384
Administrative and foreign service	98	...	...	...	...	...	...	...	...	...
Technical	65	58	69	63	75	65	80	69	64	68
Administrative support[2]	157	238	217	213	239	230	263	284	269	291
Operational	9	...	...	...	...	...	...	...	...	...
Military	13	...	...	...	...	...	...	...	...	...
Total	**584**	**576**	**526**	**512**	**583**	**582**	**699**	**740**	**704**	**743**

1. Including employees engaged in the administration of extramural research and development.
2. Questions on Personnel resources have been compressed from seven to three principal categories: Scientific & Professional (including Executive); Technical; and, Administrative Support (which includes Administrative and Foreign Service, Operational and Military).

Table 85.

Federal government personnel engaged in R&D activities in the social sciences, by department or agency, 1995-96 to 2004-05[p]

Department or agency	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01[r]	2001-02[r]	2002-03[r]	2003-04[p]	2004-05[p]
	person-years[1]									
BC	22	24	40	38	64	59	59	82	87	95
CMC	97	58	58	56	53	52	52	52	52	56
CMHC	22	20	20	17	19	17	17	20	26	26
NDEF	35	100	20	15	15	15	31	42	43	38
NGC	47	47	48	47	47	42	44	44	44	44
STCAN	127	125	144	141	158	167	194	203	151	152
Other	234	202	196	198	227	230	302	297	301	332
Total	**584**	**576**	**526**	**512**	**583**	**582**	**699**	**740**	**704**	**743**

1. Including employees engaged in the administration of extramural research and development.

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